EXHIBIT B

SFUSD CUSTODIAL CLEANING PRODUCTS SDS

A- All-Purpose Cleaners and Degreasers
   1) Green Concepts all-purpose cleaner
   2) All In One (Champion) Neutral Cleaner

B- Carpet Cleaners
   3) Fiber Care (Waxie)
   4) Green Concept carpet Cleaners

C- Floor Finish
   5) Legacy- SSS
   6) Care Free (Diversey)
   7) Waxie Green

D- Floor Strippers
   8) Waxie Green Floor stripper
   9) Green Concepts 41 Floor Finish Remover

E- Disinfectants
   10) Oxibir-5-Peroxide (Diversey)
   11) Oxibir TB-Peroxide (Diversey)

H- Bowl Cleaners
   12) DBBC Disinfectant Bathroom Bowl Cleaner (Waxie)

J- Graffiti Remover
   13) So Safe (So Safe)

K- Wood Floor Care
   14) EZ Plus Gym Coat N Seal (Betco)
green concepts® 1 all purpose cleaner
SAFER and SUPERIOR

A Hard-Working, All Purpose Cleaner Certified for Safer Use!

✓ High Cleaning Performance
✓ Certified Safer For Users And The Environment By All Three Major Certifiers
✓ Low Use Cost

High cleaning performance
✓ Cleans your toughest soils
✓ Safe on your most critical surfaces
✓ Ask your sales rep for a demonstration

Certifications and Registrations:
✓ DfE
✓ Green Seal
✓ EcoLogo
✓ Kosher
✓ GECA
✓ Peta

Low use cost
✓ Beats the competition in value index savings
✓ Can we calculate your savings?

Ask About Our Complete Housekeeping Program!

Ecoconcepts, Inc.
3007 North 28th Avenue • Hollywood, FL 33020 USA • 364.554.3724, 877-970-9976 • WWW.ECOCONCEPTSUSA.COM
MATERIAL SAFETY DATA SHEET

Green Concepts 1 All Purpose Cleaner

Section 1 – Product and company identification
Trade Name: Green Concepts 1 All Purpose Cleaner
Product Code Number: WF5085
Product Use: Cleaner, to be diluted before use.
Manufacturer/Supplier: ECO CONCEPTS, INC
3607 N. 29th Avenue
Hollywood, FL 33020
Phone: (888) 326-8278
Fax: (954) 920-9779
Email: Sales@ecoconceptsusa.com
Emergency Phone: (800) 635-5063

Section 2 – Hazards identification
Physical state: Liquid.
EMERGENCY OVERVIEW: CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN.
Route of Entry: Eye, Skin contact, Inhalation, Ingestion.
Effects of Acute Exposure:
Eye: Moderately irritating to eyes.
Skin: May cause irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

Section 3 – Ingredients Information
Ingredient(s) CAS# WT%
Alcohols, C12-15, ethoxylated 68131-39-5 5-10
1-Octanesulfonic acid, sodium salt 5324-94-5 1-5
Alcohols, C9-11, ethoxylated 68439-46-3 1-5
Amides, coco, N-[3-(dimethylamino)propyl], N-oxides 68155-09-9 1-5

Section 4 – First-aid measures
Eye: Flush with cool water. Remove contact lenses, if applicable, and contritute flushing. Obtain medical attention if irritation persists.
Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion: Do not induce vomiting. Rinse mouth with water, and then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

Aggravated Medical Conditions: None known

Section 5 – Fire and explosion hazard
Extinguishing Media: Product is not flammable. Use agent suitable for surrounding fire.
Special Fire Fighting Procedures: N/A
Unusual Fire & Explosion Hazard: None known.

Section 6– Accidental release measures
Personal Precautions: Ventilate area of leak or spill.
Precautions: Do not touch damaged containers unless wearing appropriate protective equipment.

Environmental Precautions: Do not allow contact with soil or entry into storm drains or watercourses.

Methods for Cleaning up: Abide by Federal, State, and local regulations.

Section 7– Handling and storage
Store containers tightly closed and in an upright position.
Do not destroy or deface the label.

Section 8– Personal Protection
Eyes: Safety glasses with side shields.
Hands: For prolonged and repeated handling, wear impervious gloves.
Skin: None needed under normal conditions.
Respiratory: Avoid breathing vapor, spray or mist.
Section 9—Physical Properties
Physical State: Liquid
Color: Purple
Odor: Characteristic
Solubility in water: Complete
Specific Gravity: 1.00
pH: 7
pH (use solution): 7
Boiling Point: 100°C
Freezing Point: 0°C
Vapor Pressure: N/A
Added Fragrance: None
Flash Point: None
VOC: 0% 
Elemental Phosphorus: 0.00%

Section 10—Stability and Reactivity
Stability: The product is stable
Conditions of Instability: None known
Incompatible substances: None known
Hazardous decomposition products: When exposed to fire, produces normal products of combustion.

Section 11—Toxicological Information
Effects of Acute Exposure:
Eye: May cause irritation.
Skin: May cause irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

Effects of Chronic Exposure:
Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Irritancy: Hazardous by WIE MI/OSHA criteria.
Respiratory
Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.
Reproductive
Effects: None known
Synergistic Materials: None known

Section 12—Ecological Information
This product is readily biodegradable into water and oxides of carbon.

Section 13—Disposal
The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spill material, runoff and contact with soil, waterways and storm sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Abide by Federal, state and local regulations.

Section 14—Transportation
This product is not regulated.

Section 15—Regulatory Information
US Regulations: This product is not subject to the reporting requirements under California's Proposition 65.
Registered Product Information: Not applicable.
Canadian Regulations: WHMIS Classification CLASS D-2B
Registered Product Information: Not applicable.

Section 16—Other Information
Issue Date: November 5, 2012
Prepared By: Eco Concepts, Attn Technical Director
(888) 326-6278
Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that the users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
Safety Data Sheet
Champion Chemical Co.

Revision Date: 3-Jan-2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier
Product Name: Green-All-In-One (Concentrated)
Product Number: 640
Recommended Use: Cleaning agent
Uses Advised Against: For Industrial and Institutional Use Only
Manufacturer/Supplier: Champion Chemical Co.
8319 S. Greenleaf Ave.
Whittier, CA 90602
800-621-7868
www.championchemical.com

24 Hour Emergency Phone Numbers:
Medical Emergency/Information: 800-424-9300 (24hrs)
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification
Serious Eye Damage/Eye Irritation: Category 1

GHS Label Elements
Signal Word: Danger
Symbols:

Hazard Statements:

Precautionary Statements:
Prevention:
Response:
-Eyes

-Specific Treatment:

Storage:
Disposal:
Hazards Not Otherwise Classified:
Not Applicable
Other Information:
- May be harmful if swallowed.
- Causes mild skin irritation.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol Ethoxylate</td>
<td>68439-46-3</td>
<td>2-7</td>
</tr>
<tr>
<td>Sodium Carbonate</td>
<td>497-19-8</td>
<td>2-7</td>
</tr>
<tr>
<td>Sodium Xylene Sulfonate</td>
<td>1300-72-7</td>
<td>1-5</td>
</tr>
</tbody>
</table>

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.
4. FIRST AID MEASURES

-Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

-Skin Contact: Wash with soap and water. If skin irritation occurs: Get medical attention.

-Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.

-Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

Note to Physicians: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire

Specific Hazards Arising from the Chemical: Dried product is capable of burning. Combustion products are toxic.

Hazardous Combustion Products: May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.

Protective Equipment and Precautions for Firefighters: Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

Environmental Precautions: Do not rinse spill onto the ground, into storm sewers or bodies of water.

Methods for Clean-Up: Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits: None established.

Engineering Controls: Provide good general ventilation.

If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.

Personal Protective Equipment

Eye/Face Protection: Wear splash goggles.

Skin and Body Protection: Wear rubber or other chemical-resistant gloves.

Respiratory Protection: Not required with expected use.

If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Green</td>
</tr>
<tr>
<td>Odor</td>
<td>Mint fragrance</td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>No information available.</td>
</tr>
<tr>
<td>Boiling Point / Boiling Range</td>
<td>100 °C / 212 °F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 100 °C / &gt; 212 °F ASTM D56</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&lt; 1 (BuAc = 1)</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Upper Flammability Limit</td>
<td>No information available.</td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No information available.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.03</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No information available.</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available.</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity: This material is considered to be non-reactive under normal conditions of use.
Chemical Stability: Stable under normal conditions.
Possibility of Hazardous Reactions: Not expected to occur with normal handling and storage.
Conditions to Avoid: Extremes of temperature and direct sunlight.
Hazardous Decomposition Products: May include carbon monoxide, carbon dioxide (CO2) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure: 
- Eye Contact: Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
- Skin Contact: Drying of the skin.
- Inhalation: Nasal discomfort and coughing.
- Ingestion: Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects
Product Information: Data not available or insufficient for classification.

Numerical Measures of Toxicity
The following acute toxicity estimates (ATE) are calculated based on the GHS document.

<table>
<thead>
<tr>
<th>ATEmix (oral):</th>
<th>9303 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATEmix (dermal):</td>
<td>39755 mg/kg</td>
</tr>
</tbody>
</table>

Component Acute Toxicity Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>alcohol ethoxylate</td>
<td>1378 mg/kg (Rat)</td>
<td>&gt; 2 g/kg (Rabbit)</td>
<td>Not Available</td>
</tr>
<tr>
<td>68439-46-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>2800 mg / kg (Rat)</td>
<td>&gt; 2000 mg / kg (Rabbit)</td>
<td>2300 mg / m3 / 2h</td>
</tr>
<tr>
<td>497-19-84</td>
<td></td>
<td></td>
<td>LC50 (Inhalation, mouse) - 1200 mg / m3 / 2</td>
</tr>
<tr>
<td>sodium xylene sulfonate</td>
<td>7200 mg/kg (Rat)</td>
<td></td>
<td>LC50 (Inhalation, guinea pig) - 800 mg / m3 / 2</td>
</tr>
<tr>
<td>1300-72-7</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.
12. ECOLOGICAL INFORMATION
Persistence and Degradability: No information available.
Bioaccumulation: No information available.
Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS
Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.
Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

DOT:
Proper Shipping Name: Non Hazardous Product
Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

14. TRANSPORT INFORMATION
IMDG:
Proper Shipping Name: Non Hazardous Product

15. REGULATORY INFORMATION
TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)
All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313
This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories
Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Sudden release of pressure hazard: No
Reactive Hazard: No

California Proposition 65
This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION
NFPA Health Hazards: 1 Flammability: 0 Instability: 1 Special: N/A
HMIS Health Hazards: 1 Flammability: 0 Physical Hazards: 0

Revision Date: 3-Jan-2015
Reasons for Revision: No information available.

Disclaimer:
The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet
SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER:
   - ITEM NUMBER: 1070051, 1070254
   - PRODUCT NAME: WAXIE–Green FiberCare Carpet Soil Extractor
     o 1070051 – 3L: (Solution Station 846)
     o 1070254 – 1GL

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE OR USES ADVISED AGAINST
   - IDENTIFIED USE: Multipurpose Cleaner
   - IDENTIFIED USERS: For sale to, use and storage by service persons only.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
   - MANUFACTURER/SUPPLIER: WAXIE Sanitary Supply
   - ADDRESS: 9353 Waxie Way; San Diego, CA 92123-1036
   - BUSINESS PHONE: 1-800-995-4466
   - EMERGENCY PHONE: 1-800-255-3924 (CHEMTEL; 24 hours)

1.4 OTHER PERTINENT INFORMATION
   - This product is sold and used in relatively small volumes (e.g., 1 gallon containers). This SDS has been developed to address safety concerns affecting small volume handling situations and those involving warehouses and workplaces where large numbers of these items are stored or distributed.
   - This product is intended to be used only after dilution. The relevant hazard and safety data sheet are specified for both the Product as SOLD and Product at USE DILUTION, where appropriate.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
   OSHA/HCS Status
   Classification of the Substance or Mixture

   2.2 LABEL ELEMENTS:
      ELEMENT
      Hazard Pictograms
      Signal Word
      Hazard Statements
      Product as SOLD
      Acute Toxicity (Oral, Category 5)
      Eye Damage/Irritation (Category 2A)
      Skin Corrosion/Irritation (Category 3)
      WARNING.
      May be harmful if swallowed.
      Causes serious eye irritation.
      Causes mild skin irritation.

      Product at USE DILUTION
      Acute Toxicity (Oral, Category 5)
      Eye Damage/Irritation (Category 2B)
      Not Applicable
      WARNING.
      May be harmful if swallowed.
      Causes eye irritation.
SECTION 2: HAZARDS IDENTIFICATION (Continued)

2.2 LABEL ELEMENTS (Continued):

<table>
<thead>
<tr>
<th>ELEMENT</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precautionary Statements</td>
<td>Keep out of reach of children. Wear eye/face protection. Wash hands thoroughly after handling.</td>
<td>Keep out of reach of children. Wash hands thoroughly after handling. Call a POISON CENTER or doctor/physician if you feel unwell. If IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do—continue rinsing. If eye irritation persists, see a physician. IF SKIN IRRITATION OCCURS: Get medical advice/attention.</td>
</tr>
<tr>
<td>Prevention</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Response</td>
<td>Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do—continue rinsing. If eye irritation persists, see a physician. IF SKIN IRRITATION OCCURS: Get medical advice/attention.</td>
<td>Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do—continue rinsing. If eye irritation persists, see a physician.</td>
</tr>
<tr>
<td>Storage</td>
<td>Not established; follow guidelines in section 7.</td>
<td>Not established; follow guidelines in section 7.</td>
</tr>
<tr>
<td>Disposal</td>
<td>Not established; follow guidelines in section 13.</td>
<td>Not established; follow guidelines in section 13.</td>
</tr>
</tbody>
</table>

2.3 OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

3 Due to the potential irritancy of the product, additional personal protection (e.g., rubber apron) should be considered.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>GHS HAZARD CLASSIFICATION FOR COMPONENT</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Compound.¹</td>
<td></td>
<td>Acute toxicity, Oral) (Category 4); Serious eye damage (Category 2A); Skin irritation Category 2</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>7722-84-1</td>
<td>Oxidizing liquids (Category 1); Acute toxicity, Oral (Category 4); Skin corrosion (Category 1A); Serious eye damage (Category 1); Acute aquatic toxicity (Category 3); Chronic aquatic toxicity (Category 3).</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

Water and other components less than 1% in concentration within this solution. The remaining components of this product are not classified as hazardous in their existing concentrations. Balance

¹ The exact percentage of component has been withheld as a trade secret. All relevant physical and health hazards have been declared, in accordance with regulatory requirements.
SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

<table>
<thead>
<tr>
<th>AREA EXPOSED</th>
<th><strong>Product as SOLD</strong></th>
<th><strong>Product at USE DILUTION</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>Flush with copious amounts of water for 15 minutes. “Roll” eyes during flush. Seek medical attention if irritation persists.</td>
<td>Flush with copious amounts of water. “Roll” eyes during flush. Seek medical attention if irritation persists.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Flush area with warm, running water for several minutes. Seek medical attention if irritation persists.</td>
<td>Flush area with warm, running water for several minutes.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Obtain fresh air.</td>
<td>Obtain fresh air.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>If conscious only: Rinse mouth with water. Drink several cups of water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.</td>
<td>If conscious only: Rinse mouth with water. Drink several cups of water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.</td>
</tr>
</tbody>
</table>

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

- **ACUTE HEALTH EFFECTS:**

<table>
<thead>
<tr>
<th>AREA EXPOSED</th>
<th><strong>Product as SOLD</strong></th>
<th><strong>Product at USE DILUTION</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>Causes serious eye irritation. Redness, pain, irritation will occur.</td>
<td>Causes eye irritation, depending on the duration of contact, redness and pain may occur.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Prolonged contact has the potential to be mildly irritating.</td>
<td>No adverse effects anticipated.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>May cause respiratory tract irritation; symptoms may include coughing and sneezing.</td>
<td>May cause mild respiratory tract irritation; symptoms may include coughing and sneezing depending on volume of mist/spray inhaled.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause gastrointestinal system irritation; symptoms may include pain, sore throat, nausea and vomiting.</td>
<td>May cause gastrointestinal system irritation; symptoms may include pain, sore throat, nausea and vomiting.</td>
</tr>
</tbody>
</table>

- **CHRONIC HEALTH EFFECTS:**

<table>
<thead>
<tr>
<th><strong>Product as SOLD</strong></th>
<th><strong>Product at USE DILUTION</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>None reported.</td>
<td>None reported.</td>
</tr>
</tbody>
</table>

- **TARGET ORGANS:**

<table>
<thead>
<tr>
<th><strong>Product as SOLD</strong></th>
<th><strong>Product at USE DILUTION</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyes</td>
<td>None reported.</td>
</tr>
</tbody>
</table>

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

The following information is for both **Product AS SOLD** and **Product at USE DILUTION**.

- **GENERAL INFORMATION**: For all exposures: In case of accident, or if you feel unwell, seek medical advice immediately. Take this document and a copy of the label to the healthcare professional.
- **RECOMMENDATIONS TO PHYSICIANS**: Treat symptomatically.
- **MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE**: None reported.
SECTION 5: FIREFIGHTING MEASURES

Unless stated, information in this section is for both Product as SOLD and Product at USE DILUTION.

5.1   EXTINGUISHING MEDIA

- UNSUITABLE FIRE EXtinguishing MEDIA: None known.

5.2   SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- NFPA FLAMMABILITY CLASSIFICATION:
  
<table>
<thead>
<tr>
<th>Classification</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>NFPA Rating</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>NFPA Classification</td>
<td>Not flammable.</td>
<td>Not flammable.</td>
</tr>
</tbody>
</table>

- UNUSUAL HAZARDS IN FIRE SITUATIONS:
  
<table>
<thead>
<tr>
<th>Decomposition</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generates carbon dioxide, carbon monoxide and irritating vapors.</td>
<td>Generates carbon dioxide, carbon monoxide and irritating vapors.</td>
<td></td>
</tr>
</tbody>
</table>

  | Explosion Sensitivity to Mechanical Impact | Not applicable. |
  | Explosion Sensitivity to Static Discharge | Not applicable. |

5.3 ADVICE FOR FIREFIGHTERS

- Self-Contained Breathing Apparatus and full protective equipment for fire response should be worn in any situation. Move containers from fire area if it can be done without risk to personnel. Otherwise, use water spray to keep fire-exposed containers cool. Because this is product is a cleaning agent, any equipment that comes in contact with this solution can be rinsed thoroughly with water and then returned to service.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Unless stated, information in this section is for both Product as SOLD and Product at USE DILUTION.

6.1   PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

- RESPONSE TO INCIDENTAL RELEASES: Personnel who have received basic chemical safety training can generally handle small-scale releases. Gloves and safety glasses must be worn when cleaning-up spills. Use caution during clean-up; contaminated floors and items may be slippery.

- RESPONSE TO NON-INCIDENTAL RELEASES: Generally, releases of this product will be no larger than the loss of one shipment of material. Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incidental chemical releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel.

In the unlikely event of a multi-container release of the PRODUCT AS SOLD, and there is no other hazardous condition in the area, the use of an air-purifying respirator with particulate filter, face-shield, safety glasses, and double gloves (e.g. nitrile over latex gloves), and body protection is recommended if splashes/sprays/mists can be generated during clean-up.
SECTION 6: ACCIDENTAL RELEASE MEASURES (Continued)

- **RESPONSE PROCEDURES FOR ANY RELEASE:** Absorb spilled liquid with polypads or other suitable absorbent materials. Rinse area thoroughly. Because this product is a cleaning agent, all items that come in contact with the solution can be returned to service after rinsing.

6.2 **ENVIRONMENTAL PRECAUTIONS**
- Avoid response actions that can cause a release of a significant amount of the substance (more than 4 gallons) into the environment. Avoid accidental dispersal of spilled material into soil, waterways and sewers.

6.3 **METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**
- **SPILL RESPONSE EQUIPMENT:** Polypad or other absorbent material.

6.4 **REFERENCES TO OTHER SECTIONS**
- **SECTION 8:** For exposure levels and detailed personal protective equipment recommendations.
- **SECTION 13:** For waste handling guidelines.

SECTION 7: HANDLING AND STORAGE

7.1 **PRECAUTIONS FOR SAFE HANDLING**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hygiene Practices</td>
<td>Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.</td>
<td>Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.</td>
</tr>
<tr>
<td>Handling Practices</td>
<td>Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use.</td>
<td>Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use.</td>
</tr>
</tbody>
</table>

7.2 **CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

<table>
<thead>
<tr>
<th>Storage Practices</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ensure all containers are correctly labeled. Store containers away from direct sunlight, sources of intense heat, or where freezing is possible. Store this product away from incompatible chemicals. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Empty containers may contain residual liquid; therefore, empty containers should be handled with care.</td>
<td>Ensure all containers are correctly labeled. Store containers away from direct sunlight, sources of intense heat, or where freezing is possible. Store this product away from incompatible chemicals.</td>
<td></td>
</tr>
<tr>
<td>Incompatibilities</td>
<td>See Section 10 (Stability and Reactivity).</td>
<td>See Section 10 (Stability and Reactivity).</td>
</tr>
</tbody>
</table>
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

- **U.S. NATIONAL EXPOSURE LIMITS:**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL (ppm)</th>
<th>NIOSH REL (ppm)</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Compound</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>TWA = 1 ppm</td>
<td>TWA = 1 ppm</td>
<td>TWA = 1 ppm</td>
<td>NE</td>
</tr>
</tbody>
</table>

- **BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS:** Not established.

8.2 EXPOSURE CONTROLS

<table>
<thead>
<tr>
<th>Engineering Controls</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Use in well-ventilated environment.</td>
<td>Use in well-ventilated environment.</td>
<td></td>
</tr>
<tr>
<td>Respiratory Protection</td>
<td>None needed in normal circumstances of use.</td>
<td>None needed in normal circumstances of use.</td>
</tr>
<tr>
<td>Hand Protection</td>
<td>Neoprene or nitrile gloves are recommended. Ensure gloves are intact prior to use.</td>
<td>Standard chemical-resistant gloves used in janitorial work are recommended.</td>
</tr>
<tr>
<td>Eye Protection</td>
<td>Safety glasses.</td>
<td>Safety glasses.</td>
</tr>
<tr>
<td>Body Protection</td>
<td>Standard protection used in janitorial service. If splashes or sprays can occur, a rubber apron should be used.</td>
<td>Standard protection used in janitorial service.</td>
</tr>
</tbody>
</table>

8.3 PERSONAL PROTECTION SYMBOLS

- **Hand Protection**

- **Eye/Face Protection**

- **Body Protection**

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor</td>
<td>Fresh, pleasant.</td>
<td>Fresh, pleasant.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined.</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH</td>
<td>4-6</td>
<td>Approximately 7</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>&lt; 0°C (32 °F).</td>
<td>Approx. 0°C (32 °F).</td>
</tr>
<tr>
<td>Initial Boiling Point/Boiling Range</td>
<td>&gt;100°C (210 °F).</td>
<td>Approximately 100°C (212°F).</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Evaporation Rate (Water = 1)</td>
<td>Approx. 1.0.</td>
<td>Approx. 1.0.</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Upper/Lower Explosive Limits</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined.</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined.</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.02</td>
<td>Approx. 1.0.</td>
</tr>
</tbody>
</table>
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (Continued)

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solubility</td>
<td>Completely soluble in water.</td>
<td>Completely soluble in water.</td>
</tr>
<tr>
<td>Partition Coefficient/n-octanol/water</td>
<td>Not determined.</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined.</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined.</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

9.2 OTHER INFORMATION

- VOC Information: Product at USE DILUTION is South Coast Air Quality Management CACC Certified for ultra-low VOC (10 grams per liter or less). For more information, visit www.aqmd.gov/rules/cacc.
- VOC (less water & exempt): Not applicable.
- WEIGHT% VOC: Not applicable.

SECTION 10: STABILITY AND REACTIVITY

Unless stated, information in this section is for both Product as SOLD and Product at USE DILUTION.

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID

- Avoid contact with incompatible chemicals.

10.5 INCOMPATIBLE MATERIALS

- Strong oxidizing agents, strong acids, strong bases, water reactive materials, strong reducing agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Products of thermal decomposition of this product include oxides of carbon (i.e., carbon monoxide and carbon dioxide).

SECTION 11: TOXICOLOGICAL INFORMATION

Unless stated, information in this section is for both Product as SOLD and Product at USE DILUTION.

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- ACUTE TOXICITY:
  - TOXICOLOGY DATA: The following data are available for the hazardous components in this product listed in Section 3 (Composition/Information on Ingredients).

  HYDROGEN PEROXIDE
  - LD₅₀ (Dermal, Rat) = 4060 mg/kg
  - LC₅₀ (Inhalation, Rat) = 2000 mg/kg/4 hours
  - LD₅₀ (Dermal, Mouse) = 2000 mg/kg
SECTION 11: TOXICOLOGICAL INFORMATION (Continued)

- DEGREE OF IRRITATION:
  
  **Product as SOLD**
  
  Causes serious eye irritation.
  
  Causes mild skin irritation.
  
  **Product at USE DILUTION**
  
  Causes eye irritation.

- SENSITIZATION: The components of this product are not reported to have skin or respiratory sensitization effects.

- REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE: See Section 2 (Hazards Information) and Section 4 (First Aid Measures) for additional details.

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Causes serious eye irritation.</th>
<th>Causes eye irritation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Causes mild skin irritation.</td>
<td>May cause mild skin irritation, depending on duration of contact.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>May cause respiratory tract irritation.</td>
<td>May cause mild respiratory tract irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>May cause gastrointestinal system irritation.</td>
<td>May cause gastrointestinal system irritation.</td>
</tr>
</tbody>
</table>

- CHRONIC TOXICITY:

- CARCINOGENICITY STATUS: The following table summarizes the carcinogenicity listing for the components of this product. "NO" indicates that the substance is not considered to be, or suspected to be, a carcinogen by the listed agency.

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>IARC</th>
<th>NTP</th>
<th>NIOSH</th>
<th>OSHA</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Compound</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
</tr>
<tr>
<td>Hydrogen Peroxide</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>NO</td>
<td>IARC-3; Unclassifiable as to Carcinogenicity. MAK-4: No significant contribution to human cancer risk is anticipated. TLV-A3: Confirmed Animal Carcinogen.</td>
</tr>
</tbody>
</table>

- REPRODUCTIVE TOXICITY INFORMATION: The components of this product are not reported to cause reproductive effects under typical circumstances of exposure.

- MUTAGENIC EFFECTS: The components of this product are not reported to cause mutagenic effects under typical circumstances of exposure.

- SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Not applicable.

- SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Not applicable.

- ASPIRATION HAZARD: Not applicable.

OTHER INFORMATION

- TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known.

- ADDITIONAL TOXICOLOGY: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

Unless stated, information in this section is for both **Product as SOLD** and **Product at USE DILUTION**.

12.1 TOXICITY

- Based on available data, this product may be harmful or fatal to contaminated terrestrial or aquatic plants or animals, depending on duration of contact and amount released.
SECTION 12: ECOLOGICAL INFORMATION (Continued)

12.2 PERSISTENCE AND DEGRADABILITY
- When released into the soil, the components of this product are expected to biodegrade, dissipate in soils via oxidation, or otherwise chemically degrade or photo-decompose via solar radiation.

12.3 BIOACCUMULATIVE POTENTIAL
- This product is not anticipated to bioaccumulate significantly. The following data are available for components of this product:
  - ETHOXylATED LAURYL ALCOHOL: Cyprinidae (Carp) - 72 hour, 1 mg/l - Bioconcentration factor (BCF): 220.

12.4 MOBILITY IN SOIL
- It is expected this product will have some mobility in soil.

12.5 OTHER ADVERSE EFFECTS
- Not applicable.

SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS

<table>
<thead>
<tr>
<th>Product as SOLD</th>
<th>Product at USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose of in accordance with local, State and Federal regulations.</td>
<td>Dispose of unused product in accordance with local, State and Federal regulations.</td>
</tr>
</tbody>
</table>

13.2 DISPOSAL CONSIDERATIONS
- EPA RCRA WASTE CODE: Not applicable.

SECTION 14: TRANSPORT INFORMATION

Information in this section is for **Product as SOLD**.

14.1: DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>UN/NA Number</th>
<th>Proper Shipping Name</th>
<th>Packing Group</th>
<th>Hazard Class</th>
<th>Label</th>
<th>North American Emergency Response Guide #</th>
<th>Marine Pollutant Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NOT APPLICABLE</td>
</tr>
</tbody>
</table>

- IATA DESIGNATION: This product is not regulated as dangerous goods by the International Air Transport Association.
- IMO DESIGNATION: This product is not regulated as dangerous goods by the International Maritime Organization.

14.2: ENVIRONMENTAL HAZARDS
- None described, as related to transportation.

14.3: SPECIAL PRECAUTIONS FOR USERS
- Not applicable.

14.4: TRANSPORT IN BULK
- Not applicable.
SECTION 15: REGULATORY INFORMATION

15.1: SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT

- OTHER IMPORTANT U.S. REGULATIONS
  - U.S. SARA THRESHOLD PLANNING QUANTITY: Not applicable.
  - U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21): ACUTE: Yes; CHRONIC: No; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No
  - U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.
  - U.S. TSCA INVENTORY STATUS: All components of this product are listed on the TSCA Inventory.
  - CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS: Not applicable.

- INTERNATIONAL REGULATIONS
  - CANADIAN REGULATORY STATUS: The PRODUCT as SOLD is classified as hazardous under Canadian Controlled Products regulations (SOR-88-66).
    - It is classified as D2B -Materials Causing Other Toxic Effects. See symbol to right.
    - This SDS contains all the information required by the CPR.
  - CANADIAN DSL/NDSL INVENTORY STATUS: The listed components of this product are on the DSL/NDSL Inventory.
  - CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: The components of this product are not on the CEPA Priorities Substances Lists.
  - GERMAN WATER HAZARD CLASSIFICATION: 1 (low hazard to waters).

SECTION 16: OTHER INFORMATION

16.1: INDICATION OF CHANGE
- DATE OF REVISION: January 30, 2015
- SUPERCEDES: September 9, 2014

16.2: KEY LITERATURE REFERENCES AND SOURCES FOR DATA
- SAFETY DATA SHEETS FOR COMPONENT PRODUCTS.
- SAX – Dangerous Properties of Industrial Materials

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

| Product as SOLD | 2 | HMIS Personal Protective Equipment Rating: |
| Health Flammability Physical Hazard Protective Equipment |
| 0 | Occupational Use situations: C - Safety glasses and gloves and body protection suitable to specific circumstances of use should be worn |
| 0 | |
| C | |

| Product at USE DILUTION |
| Health Flammability Physical Hazard Protective Equipment |
| 1 | HMIS Personal Protective Equipment Rating: |
| 0 | Occupational Use situations: A - Safety glasses; B Add gloves if prolonged skin contact is anticipated. |

(846) WAXIE-Green FiberCare Carpet WAXIE Sanitary Supply SAFETY DATA SHEET
Soil Extractor: AS SOLD / IN DILUTION Page 10 of 11 February 3, 2015
SECTION 16: OTHER INFORMATION (Continued)

16.4: OTHER INFORMATION
- No fragrance added.

16.5: ABBREVIATIONS AND ACRONYMS


SECTION 2: CAS Number: Chemical Abstract Service Number, which is used by the American chemical Society to uniquely identify a chemical.

SECTION 5: NFPA: National Fire Protection Association. NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (FLP) and boiling point (BP) to classify flammable or combustible liquids. Class I A: FLP, below 73°F and BP below 100°F. Class IB: FLP, below 73°F and BP at or above 100°F. Class II: FLP at or above 73°F and BP at or above 100°F. Class III: FLP at or above 140°F and below 200°F.

NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.

SECTION 6: NE: Not established. ACGIH: American Conference of Government Industrial Hygienists. TWA: Time-Weighted Average (over an 8-hour work day). STEL: Short-Term Exposure Limit (15 minute average, no more than 4 times daily and each exposure separated by one-hour minimally). C8: Ceiling Limit (concentration not to be exceeded in a work environment). PEL: Permissible Exposure Limit. NIOSH: National Institute of Occupational Safety and Health. REL: Recommended Exposure Limit. IDLH: Immediately Dangerous to Life and Health Concentrations. Note: In July 1995, a court ruling vacated the more protective PELs set by OSHA in 1989. Because OSHA may enforce the more protective levels under the "general duty clause", both the current and vacated levels are presented in this document. ppm: Parts per Million. mg/m³: Milligrams per cubic meter.mppb: Millions of Particles per Cubic Foot. BEL: Biological Exposure Limit. EL: Exposure Limit (United Kingdom). Federal Republic of Germany (DFG): Maximum Concentration Values in the Workplace (MAKs).

SECTION 8: pH: Scale (0 to 14) used to rate the acidity or alkalinity of aqueous solutions. For example, a pH value of 0 indicates a strongly acidic solution, pH of 7 indicates a neutral solution, and a pH value of 14 indicates an extremely basic solution. FLASH POINT: Temperature at which a liquid generates enough flammable vapors so that ignition may occur. AUTOIGNITION TEMPERATURE: Temperature at which spontaneous ignition occurs.

SECTION 9 (Continued): LOWER EXPLOSIVE LIMIT (LEL): The minimal concentration of flammable vapors in air which will sustain ignition. UPPER EXPLOSIVE LIMIT (UEL): The maximum concentration of flammable vapors in air which will sustain ignition. Approximately symbol VOC: Volatile Organic Compound.

SECTION 11: CARCINOGENICITY STATUS: NTP: National Toxicology Program. IARC: International Agency for Research on Cancer. REPRODUCTIVE TOXICITY INFORMATION: Mutagen: Substance capable of causing chromosomal damage to cells. Embryotoxic: Substance capable of damaging the developing embryo in an overexposed female. Teratogen: Substance capable of damaging the developing fetus in an overexposed female. Reproductive toxin: Substance capable of adversely affecting male or female reproductive organs or functions. TOXICOLOGY DATA: LD50: LC50: The Lethal Dose or Lethal Concentration of a substance which will be fatal to a given percentage (xx) of exposed test animals by the designated route of administration. This value is used to access the toxicity of chemical substances to humans. TD50: TC50: The Toxic Dose or Toxic Concentration of a substance which will cause an adverse effect to a given percentage (xx) of exposed test animals by the designated route of administration.

SECTION 12: EC50: Effect Concentration (on 50% of study group). BOD: Biological Oxygen Demand.

SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this act under Act are found in 40 CFR, Sections 260 ff, and define the requirements of hazardous waste generation, transport, treatment, storage, and disposal. EPA RCRA Waste Codes: Defined in 40 CFR Section 261.

SECTION 15: CERCLA: Comprehensive Environmental Response Compensation and Liability Act (a.k.a. "Superfund") and SARA: (Superfund Ammendment and Reauthorization Act). The regulations promulgated under this Act are located under 40 CFR 300 ff, and provide "community right-to-know" requirements. TSCA: Toxic Substances Control Act: Rules regulating the manufacture and sale of chemicals found in 40 CFR 700-766. DSL/NDSL: Canadian Domestic Substances and Non-Domestic Substances List.

SECTION 16: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATING: This is a rating system used by Industry to summarize physical and health hazards to chemical users and was originally developed by the National Paint and Coating Association. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.

16.5 DISCLAIMER
WAXIE Sanitary Supply makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by WAXIE Sanitary Supply as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does WAXIE Sanitary Supply assume any liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. WAXIE Sanitary Supply does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.
MATERIAL SAFETY DATA SHEET

Green Concepts 6 Carpet Extraction Cleaner

Section 1 – Product and company identification
Trade Name: Green Concepts 6 Carpet Extraction Cleaner
Product Code Number: WP5073
Product Use: Cleaner, to be diluted before use.
Manufacturer/Supplier: ECO CONCEPTS, INC
3607 N. 25th Avenue
Hollywood, FL 33020
Phone: (888) 326-6278
Fax: (954) 920-9779
Email: Sales@ecoconceptsusa.com
Emergency Phone: (800) 635-5063

Section 2 – Hazards identification
Physical state: Liquid.
EMERGENCY OVERVIEW: CAUTION CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN.
Route of Entry: Eye, Skin contact, Inhalation, Ingestion.
Effects of Acute Exposure:
Eye: Moderately irritating to eyes.
Skin: May cause irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

Section 3 – Ingredients Information
Ingredient(s) | CAS# | Wt% |
Carbonic acid, sodium salt (2.3) | 533-96-0 | 1-5 |
Sodium Citrate | 24851-98-7 | 1-5 |
Octane sulfonic acid, sodium salt | 5324-84-5 | 1-5 |

Section 4 – First-aid measures
Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin: Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion: Do not induce vomiting. Rinse mouth with water, and then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

Aggravated Medical Conditions: None known

Section 5 – Fire and explosion hazard
Extinguishing Media: Product is not flammable. Use agent suitable for surrounding fire.
Special Fire Fighting Procedures: N/A
Unusual Fire & Explosion Hazard: None known

Section 6 – Accidental release measures
Personal: Ventilate area of leak or spill.
Precautions: Do not touch damaged containers unless wearing appropriate protective equipment.
Environmental: Do not allow contact with soil or entry into storm drains or watercourses.
Methods for Cleaning up: Abide by Federal, State, and local regulations.

Section 7 – Handling and storage
Store containers tightly closed and in an upright position.
Do not destroy or deface the label.

Section 8 – Personal Protection
Eyes: Safety glasses with side shields.
Hands: For prolonged and repeated handling, wear impervious gloves.
Skin: None needed under normal conditions.
Respiratory: Avoid breathing vapor, spray or mist.
MATERIAL SAFETY DATA SHEET
Green Concepts 6 Carpet Extraction Cleaner

Section 9—Physical Properties
Physical State: Liquid
Color: Colorless
Odor: Characteristic
Solubility in water: Complete
Specific Gravity: 1.06
pH: 9.5
pH (use solution): 8.5
Boiling Point: 100°C
Freezing Point: 0°C
Vapor Pressure: N/A
Added Fragrance: None
Flash Point: None
VOC: 0%
Elemental Phosphorus: 0.00%

Section 10—Stability and reactivity
Stability: The product is stable
Conditions of Instability: None known
Incompatible substances: None known
Hazardous decomposition products: When exposed to fire, produces normal products of combustion.

Section 11—Toxicological information
Effects of Acute Exposure:
Eye: May cause irritation.
Skin: May cause irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

Effects of Chronic Exposure:
Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Irritancy: Hazardous by WHMIS/OSHA criteria.
Respiratory Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.
Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
Synergistic Materials: None known

Section 12—Ecological information
This product is readily biodegradable into water and oxides of carbon.

Section 13—Disposal
The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spill material, runoff and contact with soil, waterways and storm sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.
Abide by Federal, state and local regulations.

Section 14—Transportation
This product is not regulated.

Section 15—Regulatory information
US Regulations: This product is not subject to the reporting requirements under California's Proposition 65.
Registered Product Information: Not applicable.
Canadian Regulations: WHMIS Classification CLASS D-2B
Registered Product Information: Not applicable.

Section 16—Other information
Issue Date: November 5, 2012
Prepared By: Eco Concepts, Attn Technical Director
(888) 326-6278
Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that the users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
LEGACY
METAL-FREE FLOOR FINISH
EHLIN DEL PISO SIN METAL

Technical Data

Environment, Health & Safety
- Low odor level
- No nonylphenol ethoxylate (NPE)
- No dibutyl phthalate (DBP)
- No diethylene glycol methyl ether (DM)
- Zinc and metal free
- Passes ASTM D2047-82 for slip resistance

Specifications
SSS Item Numbers: 46052, 46053
Available Sizes: 1G & 5G
Physical State: Liquid
Color: Milky emulsion
Fragrance: Low Odor
Total Solids: 20 ± 0.5%
Initial Glass: Superior
Coverage: 1600-2200 sq ft
Leveling: Excellent
Suff Resistance: Excellent
Barnish Response: Excellent
Specific Gravity: 1.022
pH: 8.0 – 9.0
VOC content: 0.34 lb/L
Dry Time (min): 45 minutes max.
Detergent Resistance: Excellent
Stain/Solvent: 1 Year

HMIS Hazardous Materials I.D. System
Health: 1
Flammability: 0
Reactivity: 0
Personal Protection: A

- Environmentally preferable metal-free floor seal and finish
- Formulated with the most advanced polymer technology
- Meets today's need for a product that contains no zinc or other heavy metals that can be harmful to wastewater treatment systems.
- Can be maintained with scrub and recoat procedures, spray buffing or high speed burnishing.

Legacy™ is an environmentally preferable metal-free floor seal and finish formulated with the most advanced polymer technology. Legacy meets today’s need for a finish that contains no zinc or other heavy metals that can be harmful to wastewater treatment systems. This low odor finish has exceptional durability and can be maintained with scrub and recoat procedures, spray buffing or high speed burnishing.

Directions

Wear safety equipment recommended on MSDS, place Wet Floor Signs, and read all directions and cautions prior to beginning your work.

APPLICATION:
- Prepare the floor by removing all old floor finishes with Triple Down Low Odor Stripper. Stripping all old coatings is recommended prior to initial application.
- Apply 3 or more coats, medium coats to a clean floor using a class finish mop.
- Let dry to touch between coats - about 45 minutes.

MAINTENANCE:
- Dust mop or sweep daily, and prior to machine buffing or burnishing.
- If needed, clean daily with Triple S COMPASS™ neutral cleaner. Use a damp mop or Auto Scrubber.

BUFFING OR BURNISHING:
- For 1500 rpm, try Triple S StarGater™ RTU Spicy Buff and a Triple S Red 40D pad or equivalent.
- For 1300-3000 rpm, try Carbon Electric or Power Dry, Burnishing, use a Triple S UHS pad or equivalent.

GLOSS RESTORATION:
- Use Triple S METEOR™ Restorer with mop or Auto Scrubber. Allow to dry.
- Burnish with a Triple S UHS pad.

RECOATING:
- Clean thoroughly. Dry mop, scrub with a solution of Triple S COMPASS™ neutral cleaner. Rinse well and let dry. Apply 1-2 coats of Triple S LEGACY™ floor finish.
### SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

- **Product Name:** Legacy
- **Generic Name:** Metal-Free Floor Finish
- **Chemical Family:** Acrylic Wax Blend
- **Formula:** Proprietary
- **Manufactured For:** Triple S
- **Address:** 2 Executive Park Drive, Billerica, MA 01821
- **Phone #:** 800-323-2251

### SECTION 2-INGREDIENT INFORMATION

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NO.</th>
<th>WT. %</th>
<th>PEL</th>
<th>TWAT/LVL</th>
<th>STEL-TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>to 100</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Zinc-Free Acrylic Copolymer Dispersion</td>
<td></td>
<td>45 to 50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modified Propylene Copolymer</td>
<td>25722-45-6</td>
<td>0 to 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oxidized Polyethylene</td>
<td>68441-17-8</td>
<td>0 to 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tributoxyethyl Phosphate</td>
<td>78-51-3</td>
<td>0 to 5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diethyleneglycol Ethen Ether</td>
<td>111-90-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 3-PHYSICAL DATA

- **Boiling Point:** 212.9°F
- **Specific Gravity:** 1.020
- **Vapor Pressure:** <0.2 mm Hg @ 68°F
- **Vapor Density (Air=1):** 1
- **% Volatile:** 75%
- **pH:** 8.0 to 9.0
- **Solubility in Water:** Complete
- **Evaporation Rate:** (Water=1): <1
- **Physical Description:** Thin milky liquid with characteristic odor
- **VOC Content (5 wt%):** 0.34 lbs/gal

### SECTION 4-FIRE AND EXPLOSION HAZARD DATA

- **Flash Point (Method Used):** None
- **Upper Explosion Limit:** None
- **Lower Explosion Limit:** None
- **Extinguishing Media:** None
- **Special Fighting Procedures:** None
- **Unusual Fire and Explosion Hazards:** None

### SECTION 5-REACTIVITY DATA

- **Stability:** Stable
- **Hazardous Decomposition Products:** Will not occur
- **Hazardous Polymerization:** None
- **Incompatibility (Materials to avoid):** None

### SECTION 6-STORAGE AND HANDLING INFORMATION

- **Keep out of reach of children.**
- **For use by trained personnel only.**
- **Keep unauthorized personnel away when applying to floor.**
- **Keep container closed during storage.**
- **For institutional and industrial use only.**
- **Avoid contact with eyes, skin and clothing.**
- **Avoid breathing of vapors. Use in well-ventilated area.**

### SECTION 7-HEALTH HAZARDS AND FIRST AID

- **Effects of Overexposure:**
  - **Skin:** Prolonged or repeated contact may cause dermatitis
  - **Eye:** Irritant. May cause redness or swelling.
  - **Inhalation:** Prolonged exposure may cause dizziness, headache, nausea.
  - **Ingestion:** May be irritating to the mouth, throat, and gastrointestinal system.
  - **Vomiting and diarrhea expected with large doses.

- **First Aid Procedures:**
  - **Skin:** Flush with water. Seek medical attention if irritation persists.
  - **Eye:** Flush with large quantities of water, holding eyelids open. Seek medical attention.
  - **Inhalation:** Remove victim to fresh air and monitor. Seek medical attention if symptoms persist.
  - **Ingestion:** Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

### SECTION 8-SPECIAL PROTECTION INFORMATION

- **Respiratory Protection:** Use in well-ventilated areas only
- **Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 below acceptable limit
- **Protective Gloves:** Rubber or chemical resistant
- **Eye Protection:**
- **Other Protective Equipment:** Chemical resistant footwear e.g. rubber boots to protect feet. Long pants to protect legs.

### SECTION 9-SPILL OR LEAK PROCEDURES

- **Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
- **Waste Disposal:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before offering for recycling.

### SECTION 10-REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>SARA Title III - Section 311/312 - Hazard Categories</th>
<th>Shipping Information</th>
<th>HMIS Hazardous Materials Identification System</th>
</tr>
</thead>
<tbody>
<tr>
<td>No - Fire Hazard</td>
<td>FOR CONTAINERS = 1 Gallon, Liquid Floor Wax</td>
<td>Health 1</td>
</tr>
<tr>
<td>No - Sudden Release of Pressure Hazard</td>
<td>FOR 1 GALLON CONTAINERS, Liquid Floor Wax</td>
<td>Flammability 0</td>
</tr>
<tr>
<td>No - Reactivity Hazard</td>
<td>FOR CONTAINERS = 1 GALLON, Liquid Floor Wax</td>
<td>Reactivity 0</td>
</tr>
<tr>
<td>NO - Immediate (Acute) Health Hazard</td>
<td>FOR CONTAINERS = 1 GALLON, Liquid Floor Wax</td>
<td>Personal Protection A</td>
</tr>
</tbody>
</table>

### FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: ERI 888 779-1339

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
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</tr>
</tbody>
</table>

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Chemical Name</th>
<th>Percent by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product.
CAREFREE Floor Finish / Sealer

<table>
<thead>
<tr>
<th>HMIS</th>
<th>NFPA</th>
<th>Personal protective equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Fire Hazard</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Reactivity</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Version Number: 3

Preparation date: 2008-10-04

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: CAREFREE Floor Finish / Sealer

MSDS #: 0045114172005

Product Code: 05431, 05432, 3029503, 5104731

Recommended use: Floor care.

Manufacturer, importer, supplier:

US Headquarters
JohnsonDiversey, Inc.
8310 16th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249

Canada Headquarters
JohnsonDiversey - Canada, Inc.
2401 Bristol Circle
Oakville, Ontario L6H 6P1
Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. MAY BE MILDLY IRRITATING TO EYES. MAY BE MILDLY IRRITATING TO SKIN.

Principle routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: May be mildly irritating to eyes.

Skin contact: May be mildly irritating to skin.

Inhalation: None known.

Ingestion: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous ingredients</th>
<th>CAS #</th>
<th>Weight %</th>
<th>LD50 Oral - Rat (mg/kg)</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene glycol 2-ethylhexyl ether</td>
<td>1559-35-9</td>
<td>1 - 5%</td>
<td>3080</td>
<td>=2120 µL/kg</td>
<td>Not available</td>
</tr>
<tr>
<td>Diethylene glycol monocetyl ether</td>
<td>111-90-0</td>
<td>1 - 5%</td>
<td>1920</td>
<td>=4200 µL/kg</td>
<td>5.24 g/m³</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. Get medical attention if irritation occurs.

Skin contact: Flush immediately with plenty of water. Get medical attention if irritation occurs.

Inhalation: No specific first aid measures are required.

Ingestion: No specific first aid measures are required.

Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards: Not applicable

Unusual hazards: None known

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Extinguishing media which must not be used for safety reasons: No information available.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Contaminated surfaces will be extremely slippery. Use personal protective equipment.
Environmental precautions: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure: No special ventilation requirements. General room ventilation is adequate.

Personal Protective Equipment
- Eye protection: No special requirements under normal use conditions
- Hand protection: No special requirements under normal use conditions
- Skin and body protection: No special requirements under normal use conditions
- Respiratory protection: No special requirements under normal use conditions
- Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>8.8</td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Off-White</td>
</tr>
<tr>
<td>Odor</td>
<td>Ammonia</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.029</td>
</tr>
<tr>
<td>Density</td>
<td>8.59 lbs/gal</td>
</tr>
<tr>
<td>VOC</td>
<td>0% *</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;200°F &gt;93.3°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>Bulk density</td>
<td>8.59 lb/gal</td>
</tr>
<tr>
<td>Dilution pH</td>
<td>No information available</td>
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<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Boiling point/ range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/ range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No information available</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water): No information available</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents: No information available</td>
<td></td>
</tr>
<tr>
<td>Elemental Phosphorus: 0.03 %P</td>
<td></td>
</tr>
</tbody>
</table>

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur
Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg; Dermal LD50 estimated to be > 2000 mg/kg
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
- Carcinogenic effects: None known
- Mutagenic effects: None known
- Reproductive toxicity: None known
- Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Dispose of according to all federal, state and local applicable regulations
14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories
All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations
California Proposition 65: This product is not subject to the reporting requirements under California’s Proposition 65

STATE RIGHT TO KNOW

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modified polypropylene</td>
<td>25722-45-8</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethylene glycol 2-ethylhexyl ether</td>
<td>1559-35-9</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>111-90-0</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Acrylic polymer</td>
<td>Proprietary</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

CERCLA/ SARA
CAA HAP/CAA ODS/CWA Priority Pollutants: None

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAA HAP</th>
<th>CAA ODS</th>
<th>CWA Priority Pollutants</th>
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</thead>
<tbody>
<tr>
<td>Diethylene glycol monoethyl ether</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
- Immediate:
- Delayed:
- Fire:
- Reactivity:
- Sudden Release of Pressure:

Canada
WHMIS hazard class: Non-controlled.

16. OTHER INFORMATION

Reason for revision: Not applicable
Prepared by: NAPRA
Additional advice: None

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller’s control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.
WAXIE green

FLOOR STRIPPER

An environmentally preferable floor finish remover that does not contain hazardous or corrosive materials

- No MEA, 2-BE (Butyl), APE, Caustic, EDTA, Ammonia
- Phosphate Free • Non-Corrosive • VOC Compliant

WAXIE SANITARY SUPPLY
WAXIE-Green Floor Stripper

ENVIRONMENTAL & SAFETY BENEFITS
- No MEA, 2-BE, APE, Caustic, EDTA, Ammonia
- Phosphate Free
- Readily Biodegradable*
- Contains No Hazardous Ingredients**
  - No Petroleum Distillates
  - No Halogenated Aromatic Solvents
  - No Alkalies
- Non-Corrosive
- VOC Compliant
  - Meets CARB VOC Limits
- Fragrance Free
*As defined in 40CFR796.3200 EPA/TSCA
**As defined in OSHA 29CFR 1910.1200

TYPICAL PROPERTIES
pH 10.9
Weight/Gal. 8.24#
Foam (1g/ft²; tap water; waring) Very Low
Color Light Yellow
Odor Mild
Clarity Clear
Sediment None
VOC @ 1:3 Dilution 6.5%
(EPA Method 24)

HEALTH AND HAZARD RATINGS
Category NFFPA HMIS
Health 1 1
Fire 2 2
Reactivity 0 0
Protective Equipment None B

DILUTION RATIOS
LIGHT BUILD-UP:
1:8 (16 oz. per gallon of water)
HEAVY BUILD-UP:
1:3 (42 oz. per gallon of water)
Dilute with water from the cold tap.

ITEM DESCRIPTION
320660 gl/cs 4/cs

PRODUCT PERFORMANCE CHARACTERISTICS
WAXIE-Green Floor Stripper is specifically designed to remove WAXIE-Green Floor Finish, but removes most conventional metal crosslinked floor finishes, too. This fast acting and pleasant to use stripper removes multiple layers of finish without harsh alkalies and other conventional components. Does not contain hazardous or corrosive materials.

PRODUCT PACKAGING
- Plastic containers are 100% recyclable HDPE
- Corrugated boxes are 100% recycled with 60% post consumer

(800) 995-4466
www.waxie.com
WAXIE-GREEN FLOOR CARE SPECIFICATIONS

Product Specification: WAXIE-GREEN FLOOR FINISH STRIPPER

1. Green Floor Finish Stripper is an environmentally preferable floor finish remover that does not contain hazardous or corrosive materials.

2. Green Floor Finish stripper must be able to remove conventional metal cross-linked floor finishes

3. Product must be third party certified by Terra Choice (Ecologo) or Green Seal

4. Meets CARB VOC Limits

5. Health & Hazard rating of 1 for NFPA and 1 for HMIS

6. pH of 10.90

7. Low foaming

8. Product must not contain the following ingredients:
   a. Free ammonia, monoethanolamine (MEA)
   b. Caustics or free alkalis
   c. Ethylene series glycol ethers, like 2-BE (ethylene glycol butyl ether)
   d. EDTA
   e. Phosphate or any phosphorous-based builders

9. Product demonstrates a low aquatic and terrestrial toxicity

10. Product is readily biodegradable
Waxie Health & Safety Data Specifications

Product Comparison

Floor Finish Stripper

Conventional Products

Caustic
Ammonium hydroxide
Butyl cellosolve
Nonylphenol
pH 12 - 14
LD 50 <1 gm/Kgm
Toxic to Aquatic Life Petro-Chemical Derivates

Conventional Compound Descriptions:

Caustic Soda/ Caustic Potash provides a heavy duty source of alkalinity for saponification (alkali reacts with fats to form soluble soap). It also helps disperse solid soils into fine particles. However, it is extremely corrosive to eyes, skin and nose.

Ammonium hydroxide is a basic cleaning compound commonly used in economy strippers. However, it is extremely irritating to the respiratory tract and eyes. Also, it reacts violently with strong mineral acids.

Ethylene glycol butyl ether attacks water soluble dirt as well as water-insoluble oils and greases. But, it is a potential nose and eye irritant and may cause red blood cell damage if absorbed through the skin.

Nonylphenoxypolyethoxyethanol is used as a basic surfactant to provide detergency needed to remove soil from a variety of surfaces. However, it is derived from a petroleum based product and may contain trace amounts of ethylene oxide, a suspect carcinogen.

Very high pH - Corrosive to skin and eyes, lethal dose is less than 1 gm of product per 1 Kg of body weight.

Waxie Green

NONE
NONE
NONE
NONE

pH 10.8
LD 50 >5 gm/Kgm
Non-Toxic to Aquatic Life Renewable Resources

Waxie Green Compound Descriptions:

NO Caustics
Waxie Green Floor Stripper is also completely biodegradable and contains no phosphate which can pollute our waterways.

NO Ammonia
Waxie Green Floor Stripper is non-corrosive to the skin and eyes and is non-toxic.

NO Glycol Ethers
No concerns about systemic health problems or interference with liver functionality.

NO NPE/APE Surfactants
NPE's are shown to cause endocrine disruption in aquatic species and suspected of doing so in humans.

"Cosmetic Range" pH
Lethal Dose is more than 5 gms of product per 1 Kg of body weight.
SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER:
- ITEM NUMBER(S): 320661
- PRODUCT NAME: 1 GL: WAXIE-Green Floor Stripper

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE OR USES ADVISED AGAINST
- RECOMMENDED USE: Flooring surface stripper.
- IDENTIFIED USERS: For sale to, use and storage by service persons only.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
- MANUFACTURER/SUPPLIER: WAXIE Sanitary Supply
- ADDRESS: 9353 Waxie Way; San Diego, CA 92123-1036
- BUSINESS PHONE: 1-800-995-4466
- EMERGENCY PHONE: 1-800-255-3924 (CHEMTEL; 24 hours)

1.4 OTHER PERTINENT INFORMATION
- This product is sold and used in relatively small volumes. This SDS has been developed to address safety concerns affecting small volume handling situations and those involving warehouses and other workplaces where large numbers of these items are stored or distributed.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
OSHA/HCS Status
Classification of the Substance or Mixture
Skin corrosion/irritation (Category 2); Eye damage/irritation (Category 2A)

2.2 LABEL ELEMENTS:
ELEMENT

Hazard Pictograms
Signal Word
WARNING

Hazard Statements
Causes skin irritation. Causes serious eye irritation.

Precautionary Statements
Keep out of reach of children. Read label before use. Wash exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

WAXIE-Green Floor Stripper
WAXIE Sanitary Supply
Page 1 of 9
SAFETY DATA SHEET
July 25, 2016
SECTION 2: HAZARDS IDENTIFICATION (Continued)

2.2 LABEL ELEMENTS (Continued):

ELEMENT
Precautionary Statements
Response
Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, if eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage
None specified. See section 7 for details.

Disposal
None specified. See section 13 for details.

2.3 OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

• Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>GHS HAZARD CLASSIFICATION FOR COMPONENT</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>Flammable liquids (Category 4); Acute toxicity, Oral (Category 4); Acute toxicity, Inhalation (Category 4); Acute toxicity, Dermal (Category 4); Skin corrosion (Category 18); Serious eye damage (Category 1)</td>
<td>1-5</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>Flammable liquids (Category 4); Acute toxicity, Oral (Category 4); Acute toxicity, Inhalation (Category 4); Acute toxicity, Dermal (Category 4); Skin irritation (Category 2); Eye irritation (Category 2); Specific target organ toxicity (single exposure) (Category 3)</td>
<td>1-5</td>
</tr>
<tr>
<td>4-Amino-2-methylpropanol</td>
<td>124-68-5</td>
<td>Skin irritation (Category 2); Eye irritation (Category 2A); Chronic aquatic toxicity (Category 3).</td>
<td>1-5</td>
</tr>
</tbody>
</table>

Other components that do not contribute physical or health hazards at the concentrations present in the product. Balance

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

AREA EXPOSED
Eye Contact
Flush with copious amounts of water. “Roll” eyes during flush. Check for and remove contact lenses. Seek medical attention if irritation persists.

Skin Contact
Rinse exposed skin thoroughly with water. Seek medical attention if irritation occurs.

Inhalation
Obtain fresh air. Blow nose. Seek medical attention if irritation occurs.

Ingestion
If conscious only: Rinse mouth with water. Drink several cups of water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

• ACUTE HEALTH EFFECTS:

AREA EXPOSED
Eye Contact
Causes serious eye irritation.

Skin Contact
Causes skin irritation.

Inhalation
May cause mild system irritation.

Ingestion
May cause mild system irritation.
SECTION 4: FIRST AID MEASURES (Continued)

- CHRONIC HEALTH EFFECTS: Not applicable.
- TARGET ORGANS: Skin, eyes.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED
- GENERAL INFORMATION: For all exposures: In case of accident, or if you feel unwell, seek medical advice immediately. Take this document and a copy of the label to the healthcare professional.
- RECOMMENDATIONS TO PHYSICIANS: Treat symptomatically.
- MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None reported.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA
- UNSUITABLE FIRE EXTINGUISHING MEDIA: None known.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE
- NFPA FLAMMABILITY CLASSIFICATION:
  
  NFPA Rating

  NFPA Classification Not flammable.
- UNUSUAL HAZARDS IN FIRE SITUATIONS:
  Decomposition Products Carbon dioxide, carbon monoxide, chlorine compounds, nitrogen compounds, and irritating vapors.
  Explosion Sensitivity to Mechanical Impact Not applicable.
  Explosion Sensitivity to Static Discharge Not applicable.

5.3 ADVICE FOR FIREFIGHTERS
- Self-Contained Breathing Apparatus and full protective equipment for fire response should be worn in any situation. Move containers from fire area if it can be done without risk to personnel. Otherwise, use water spray to keep fire-exposed containers cool. Because this is product is a cleaning agent, any equipment that comes in contact with this solution can be rinsed thoroughly with water and then returned to service.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES
- RESPONSE TO INCIDENTAL RELEASES: Personnel who have received basic chemical safety training can generally handle small-scale releases. Gloves and safety glasses should be worn when cleaning-up spills, to avoid prolonged contact and splash protection. Use caution during clean-up; contaminated floors and items may be slippery.
- RESPONSE TO NON-INCIDENTAL RELEASES: Generally, releases of this product will be no larger than the loss of one shipment of material. Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incident releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel.
- RESPONSE PROCEDURES FOR ANY RELEASE: Absorb spilled liquid with poly pads or other suitable absorbent materials. Rinse area thoroughly. Because this product is a cleaning solution, all items that come in contact with the solution can be returned to service after rinsing.
SECTION 6: ACCIDENTAL RELEASE MEASURES (Continued)

6.2 ENVIRONMENTAL PRECAUTIONS
- Avoid response actions that can cause a release of a significant amount of product (more than 4 gallons) into the environment. Avoid accidental dispersal of spilled material into soil, waterways and sewers.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP
- SPILL RESPONSE EQUIPMENT: Polypad or other absorbent material.

6.4 REFERENCES TO OTHER SECTIONS
- SECTION 8: For exposure levels and detailed personal protective equipment recommendations.
- SECTION 13: For waste handling guidelines.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING
Hygiene Practices
- Keep out of reach of children. Follow good chemical hygiene practices. Avoid inhalation of mists and sprays. Avoid contact with eyes. Clean spills immediately.

Handling Practices
- Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Storage Practices
- Ensure all containers are correctly labeled. Store containers away from direct sunlight, sources of intense heat, or where freezing is possible. Store this product away from incompatible chemicals. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged.

Incompatibilities
- See Section 10 (Stability and Reactivity).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS
- AIRBORNE EXPOSURE LIMITS: Not established for any component of this mixture.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>AIHA WEEL (United States, 10/2011)</td>
</tr>
<tr>
<td></td>
<td>TWA: 3 ppm 8 hours.</td>
<td>TWA: 7.5 mg/m³ 8 hours.</td>
<td>TWA: 3 ppm 10 hours.</td>
<td>TWA: 8 mg/m³ 10 hours.</td>
</tr>
<tr>
<td></td>
<td>STEL: 6 ppm 15 minutes.</td>
<td>STEL: 15 mg/m³ 15 minutes.</td>
<td>STEL: 6 ppm 15 minutes.</td>
<td>STEL: 15 mg/m³ 15 minutes.</td>
</tr>
</tbody>
</table>

- BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS: Not established.

8.2 EXPOSURE CONTROLS
Engineering Controls
- Use in well-ventilated environment.

Respiratory Protection
- None needed in normal circumstances of use.

Hand Protection
- Neoprene, PVC, or butyl gloves are recommended. Ensure gloves are intact prior to use.

Eye Protection
- Safety glasses, during spill response only.

Body Protection
- Not applicable.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

8.3 PERSONAL PROTECTION SYMBOLS

Hand Protection Eye Protection

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Clear, amber liquid.
- Odor: Not determined.
- Odor Threshold: Not determined.
- pH: 10.5-10.8
- Melting Point/Freezing Point: ≤ 0°C (32°F).
- Initial Boiling Point/Boiling Range: >100°C (212°F).
- Flash Point: No information available.
- Evaporation Rate (Water = 1): Approx. 1.0.
- Flammability: Not applicable.
- Upper/Lower Explosive Limits: Not applicable.
- Vapor Pressure: Not determined.
- Vapor Density: Not determined.
- Relative Density: 1.000-1.001 (6.35 lb/gal).
- Solubility: Completely soluble in water.
- Partition Coefficient/n-octanol/water: Not determined.
- Autoignition Temperature: Not applicable.
- Decomposition Temperature: Not determined.
- Viscosity: Not determined.

9.2 OTHER INFORMATION

- VOC (less water & exempt): 5 g/L. WEIGHT% VOC: 0.5%

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID

- Acids, Oxidizing materials. Halogens. Avoid contact with aluminum, zinc, other soft metals or galvanized metals.

10.5 INCOMPATIBLE MATERIALS

- Strong oxidizers, reducing materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Products of thermal decomposition include very irritating vapors, as well as nitrogen and chloride compounds and carbon oxides.
SECTION 11: TOXICOCLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOCLOGICAL EFFECTS

• ACUTE TOXICITY:
  o PRODUCT TOXICITY DATA:
    • Acute Toxicity Estimate (oral) = 15010 mg/kg
    • Acute Toxicity Estimate (dermal) = 19377 mg/kg
    • Acute Toxicity Estimate (inhalation) = 25 mg/L
    • Unknown Acute Toxicity: 5.96% of mixture consists of ingredients with unknown acute toxicity.
  o COMPONENT TOXICITY DATA: The following data are available for the hazardous components in this product listed in Section 3 (Composition/Information on Ingredients).
    - BENZYL ALCOHOL
      LD50 (Oral, Rat) = 1230 mg/kg
      LD50 (Dermal, Rabbit) = 2000 mg/kg
      LD50 (Inhalation, Rat) = 8.8 mg/L/4 hours
    - MONOETHANOLAMINE
      LD50 (Oral, Rat) = 1720 mg/kg
      LD50 (Dermal, Rabbit) = 1 mL/kg
    - 2-AMINO-2-METHYL PROPIANOL
      LD50 (Oral, Rat) = 2000 mg/kg
      LD50 (Dermal, Rabbit) > 2000 mg/kg
  o DEGREE OF IRRITATION: Causes skin irritation and severe eye irritation.
  o SENSITIZATION: The components of this product are not reported to have skin or respiratory sensitization effects.
  o REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE: See Section 2 (Hazards Information) and Section 4 (First-Aid Measures) for additional details.
    - Eyes: Causes serious eye irritation.
    - Skin: Causes skin irritation.
    - Inhalation: May cause mild system irritation.
    - Ingestion: May cause mild system irritation.

• CHRONIC TOXICITY:
  o CARCINOGENICITY STATUS: The components of this product are not listed as carcinogens by NTP, IARC or OSHA.
  o REPRODUCTIVE TOXICITY INFORMATION: The components of this product are not reported to cause reproductive effects under typical circumstances of exposure.
  o MUTAGENIC EFFECTS: The components of this product are not reported to cause mutagenic effects under typical circumstances of exposure.
  o SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Not applicable.
  o SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Not applicable.
  o ASPIRATION HAZARD: Not applicable.

• OTHER INFORMATION
  o TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known.
  o ADDITIONAL TOXICOLOGY: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

• Based on available data, this product is anticipated to be harmful to contaminated terrestrial plants or animals if significant quantities are released into the environment.
• Based on available data, this product is anticipated to be harmful to contaminated aquatic plants or animals if significant quantities are released into the environment.
SECTION 12: ECOLOGICAL INFORMATION (Continued)

- The following aquatic toxicity data are available for components of this product.

**MONOETHANOLAMINE**
- LC50 – (Crangon crangon - Adult, Marine water): 100000 µg/l - 48 hours
- LC50 – (Carassius auratus, Fresh water): 170000 µg/l - 96 hours
- EC50 – (Desmodesmus subspicatus, Fresh water): 8.42 mg/l - 72 hours

**BENZYL ALCOHOL**
- LC50 – (Lepomis macrochirus, Fresh water): 10000 µg/l - 96 hours

**2-AMINO-2-METHYLPROANOL**
- LC50 – (Lepomis macrochirus): 190 mg/l - 96.0 hours
- LC50 – (Daphnia magna): 65 mg/l - 24 hours
- EC50 – (Scenedesmus capricornutum/growth Inhibition): 520 mg/l - 72 hours

12.2 PERSISTENCE AND DEGRADABILITY
- When released into the soil, the components of this product are expected to biodegrade, dissipate in soils via oxidation, or otherwise chemically degrade or photo-decompose via solar radiation.

12.3 BIOACCUMULATIVE POTENTIAL
- This product is not anticipated to bioaccumulate significantly. The following data are available for components of this product:
  - MONOETHANOLAMINE: Partition Coefficient (Log Pow) = -1.91
  - BENZYL ALCOHOL: Partition Coefficient (Log Pow) = 1.1
  - 2-AMINO-2-METHYLPROANOL: Partition Coefficient (Log Pow) = 0.063

12.4 MOBILITY IN SOIL
- It is to be expected this product will have some mobility in soil. Some of the components may get into the soil and, ultimately, the ground water.

12.5 OTHER ADVERSE EFFECTS
- None reported.

SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS
- Dispose of contents/containers in hazardous or special waste collection point, an approved disposal plant, a licensed hazardous waste disposal contractor or authorized waste collection site in accordance with local, regional and/or international regulation, except for empty clean containers which can be disposed of as non-hazardous waste.

13.2 DISPOSAL CONSIDERATIONS
- EPA RCRA WASTE CODE: Not applicable to wastes consisting only of this product.

SECTION 14: TRANSPORT INFORMATION

14.1 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

- DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS SHIPPING REGULATIONS:

<table>
<thead>
<tr>
<th>UN/NA Number</th>
<th>Proper Shipping Name</th>
<th>Packing Group</th>
<th>Hazard Class</th>
<th>Label</th>
<th>North American Emergency Response Guide #</th>
<th>Marine Pollutant Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NOT APPLICABLE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- IATA DESIGNATION: This product is not regulated as dangerous goods by the International Air Transport Association.
- IMO DESIGNATION: This product is not regulated as dangerous goods by the International Maritime Organization.

14.2 ENVIRONMENTAL HAZARDS
- The regulations related to Marine Pollutants are not applicable, due to volume size of product and concentration of the constituents.
SECTION 14: TRANSPORT INFORMATION

14.3 SPECIAL PRECAUTIONS FOR USERS
• Not applicable.

14.4 TRANSPORT IN BULK
• Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1: SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT
• OTHER IMPORTANT U.S. REGULATIONS
  o U.S. SARA THRESHOLD PLANNING QUANTITY: Not applicable.
  o U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21): ACUTE: Yes; CHRONIC: No; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No,
  o U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.
  o U.S. SARA 313: No component is subject to the reporting requirements.
  o U.S. TSCA INVENTORY STATUS: All components of this product are listed on the TSCA Inventory.
  o CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS: Not applicable.

• INTERNATIONAL REGULATIONS
  o CANADIAN REGULATORY STATUS: The product is classified as hazardous under Hazardous Products regulations (SOR-88-66).
    • WHMIS 2015: See section 2.
    • WHMIS 1988: D2B –Toxic Material/Other Health Effects. See symbol to right.
  o CANADIAN DSL/NDSL INVENTORY STATUS: The listed components of this product are on the DSL/NDSL Inventory.
  o CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: The listed components of this product are not on the CEPA Priority Substances Lists.

SECTION 16: OTHER INFORMATION

16.1 INDICATION OF CHANGE
• DATE OF REVISION: July 25, 2016
• SUPERCEDES: May 12, 2016
• CHANGE INDICATED: Format changes.

16.2: KEY LITERATURE REFERENCES AND SOURCES FOR DATA

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

 piping

• Physical Hazard
• Protective Equipment

1 HMIS Personal Protective Equipment Rating: Occupational Use situations: B - Safety glasses and gloves.
0
16.4 DISCLAIMER
WAXIE Sanitary Supply makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and disposal of their own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by WAXIE Sanitary Supply as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does WAXIE Sanitary Supply assume any liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. WAXIE Sanitary Supply does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.

16.5 ABBREVIATIONS AND ACRONYMS
ALL SECTIONS: OSHA: U.S. Federal Occupational Safety and Health Administration. WHMIS: Canadian Workplace Hazardous Materials Standard. GHS: Globally Harmonized System of Classification of Chemical Substances. SECTION 3: CAS Number: Chemical Abstract Service Number, which is used by the American chemical society to uniquely identify a chemical. SECTION 5: NFPA: National Fire Protection Association. NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (F.P.) and boiling point (B.P.) to classify flammable or combustible liquids. Class IIA: F.P. below 73°F and B.P. below 100°F. Class IIB: F.P. below 73°F and B.P. at or above 100°F. Class III: F.P. at or above 73°F and B.P. below 100°F. Class IV: F.P. at or above 100°F and B.P. below 140°F. Class IVa: F.P. at or above 140°F and below 200°F. Class IVb: F.P. at or above 200°F. NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard. SECTION 8: NE: Not established. AGHS: American Conference of Governmental Industrial Hygienists; TWA: Time-Weighted Average (over an 8-hour work day); STEL: Short-Term Exposure Limit (15 minute average, no more than 4-times daily and each exposure separated by one-hour minimally); C: Ceiling Limit (concentration not to be exceeded in a work environment). REL: Permissible Exposure Limit. NIOSH: National Institute of Occupational Safety and Health; REL: Recommended Exposure Limit; ppm: Parts per Million; mg/m³: Milligrams per cubic meter; mg/g: Millions of Particles per Cubic Foot; BB: Biological Exposure Limit.

SECTION 9: pH: Scale (0 to 14) used to rate the acidity or alkalinity of aqueous solutions. For example, a pH value of 0 indicates a strongly acidic solution, pH of 7 indicates a neutral solution, and a pH value of 14 indicates an extremely basic solution. FLASH POINT: Temperature at which a liquid generates enough flammable vapors so that ignition may occur. AUTOIGNITION TEMPERATURE: Temperature at which spontaneous ignition occurs. LOWER EXPLOSIVE LIMIT (LEL): The minimum concentration of flammable vapors in air which will sustain ignition. UPPER EXPLOSIVE LIMIT (UEL): The maximum concentration of flammable vapors in air which will sustain ignition. VOC: Volatile Organic Compound.

SECTION 11: CARCINOGENICITY STATUS: NTP: National Toxicology Program. IARC: International Agency for Research on Cancer. REPRODUCTIVE TOXICITY INFORMATION: Mutagen: Substance capable of causing chromosomal damage to cells. Embryotoxin: Substance capable of damaging the developing embryo in an unborn fetus. Teratogen: Substance capable of damaging the developing fetus in an unborn embryo. Reproductive toxin: Substance capable of adversely affecting male or female reproductive organs or functions. TOXICOLOGY DATA: LD₅₀: LC₅₀: The Lethal Dose or Lethal Concentration of a substance which will be fatal to a given percentage (x%) of exposed test animals by the designated route of administration. This value is used to access the toxicity of chemical substances to humans. TD₅₀: TC₅₀: The Toxic Dose or Toxic Concentration of a substance which will cause an adverse effect to a given percentage (x%) of exposed test animals by the designated route of administration.

SECTION 12: ECOS: Effect Concentration (on 50% of study group); BOD: Biological Oxygen Demand; COD: Chemical Oxygen Demand. THEORETICAL OXYGEN DEMAND: TLM: Median Tolerance Limit.

SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this act under Act are found in 40 CFR, Sections 261.1, and define the requirements for hazardous waste generation, transport, storage, and disposal. EPA RCRA Waste Codes: Defined in 40 CFR Section 261.

SECTION 15: CERCLA: Comprehensive Environmental Response Compensation and Liability Act (a.k.a. "Superfund") and SARA: (Superfund Amendment and Reauthorization Act). The regulations promulgated under this Act are located under 40 CFR 300.8 and provide “community right-to-know” requirements. TSCA: Toxic Substances Control Act: Rules regulating the manufacture and sale of chemicals found in 40 CFR 700-768. DELAWARE: Canadian Domestic Substances and Non-Domestic Substances List.

SECTION 16: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATING: This is a rating system used by industry to summarize physical and health hazards to chemical users and was originally developed by the National Paint and Coating Association. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.
WAXIE green

HI-GLOSS FLOOR FINISH

Creating a new standard in floor coating technology by combining an environmental preference with high-quality performance

Zinc and Calcium Free Formula • Non-Toxic • Non-Flammable Solvent Free
Biodegradable • Meets Federal & State VOC Requirements

WAXIE SANITARY SUPPLY

EcoLogo
Certified Floor Finish CCD-147
WAXIE-Green Hi-Gloss Floor Finish

ENVIRONMENTAL & SAFETY BENEFITS
- No Styrene or APE’s
- Neutral pH
- No Suspected Endocrine Disrupters
- No Heavy Metal Complexes
- No Added Fragrances
- Non-Corrosive
- Non-Reactive
- No Dibutyl Phthalate Plasticizers
- No Isocyanate

TYPICAL PROPERTIES
pH
Specific Gravity
Color
Total Solids
Specular Gloss (5 Coats, VCT)
Leveling
Detergent Resistance
VOC (EPA Method 24)
Coverage
8.0
1.024
Opaque White
21%
90
Excellent
Excellent
0%
2,000 - 2,500 sq ft/gal.

HEALTH AND HAZARD RATINGS:
Category
NFPA
HMIS
Health
1
1
Fire
0
0
Reactivity
0
0
Protective Equipment
None
B

PRODUCT PERFORMANCE CHARACTERISTICS
WAXIE-Green Hi-Gloss Floor Finish is an environmentally preferred product (EcoLogo third party certified), and utilizes the latest self-crosslinking technology to produce a high quality modified acrylic floor finish without the use of metal-crosslinkers. This unique chemistry provides unparalleled high gloss and offers superior detergent resistance, gloss retention and black heel and mark resistance relative to conventional metal-free finishes.

WAXIE-Green Floor Finish contains no heavy metals, APE/APEO (alkyl phenol ethoxylates) surfactants, NPE (nonyl phenol ethoxylates), PFOS and/or PFOA (perfluorooctane sulfonates and perfluorooctanoic acid), Ethylene glycol-based coalescents, phthalates, styrene, and it’s metabolite (styrene oxide), formaldehyde or urethane.

PRODUCT PACKAGING
- Plastic containers are 100% recyclable HDPE
- Corrugated boxes are 100% recycled with 100% post consumer

(800) 995-4466
www.waxie.com

Corporate Headquarters:
9355 Waxie Way
San Diego, CA 92123
Material Safety Data Sheet

OSHA's Hazard Communication Standard
U.S. Department of Labor

Identity # 930210
Name Waxie-Green Hi-Gloss Floor Finish

Section 1
Manufactured For - Waxie Sanitary Supply
Address - 9353 Waxie Way
City - San Diego
State - CA 92123-1036
Phone - (800) 895-4468

Date Prepared - 9/9/2009

Section 2 - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components</th>
<th>CAS#</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Weight% (Optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene Glycol Monomethyl Ether</td>
<td>111600</td>
<td>NONE</td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>Tributyl Phosphate</td>
<td>78513</td>
<td>NONE</td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>Surfactant</td>
<td>Proprietary</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Zinc Free Polymer</td>
<td>Proprietary</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>wax Emulsion</td>
<td>Proprietary</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Modified Resin Ester</td>
<td>Proprietary</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

Note:
VOC Content - g/l

Section 3 - Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>&gt;212 F</td>
</tr>
<tr>
<td>Vapor Pressure - Not Tested</td>
<td></td>
</tr>
<tr>
<td>Vapor Density - Not Tested</td>
<td></td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>100%</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>OPAQUE WHITE COLOR LIQUID WITH BLAND ODOR.</td>
</tr>
<tr>
<td>pH</td>
<td>7.5 TO 9</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.024</td>
</tr>
<tr>
<td>Melting Point - Not Tested</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate - Not Tested</td>
<td></td>
</tr>
</tbody>
</table>

Section 4 - Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point - None</td>
<td></td>
</tr>
<tr>
<td>LEL - Not Tested</td>
<td></td>
</tr>
<tr>
<td>UEL - Not Tested</td>
<td></td>
</tr>
<tr>
<td>DOT# - None</td>
<td></td>
</tr>
<tr>
<td>Flammable Limits - Not Tested</td>
<td></td>
</tr>
<tr>
<td>NFPA Hazard Rating - H F R S</td>
<td>1 0 0 0</td>
</tr>
<tr>
<td>(0- Least, 4- Extreme)</td>
<td></td>
</tr>
<tr>
<td>HMIS Hazard Rating - H F R</td>
<td>1 0 0</td>
</tr>
<tr>
<td>Extinguishing Media - CO2, DRY FOAM</td>
<td></td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>None</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>None</td>
</tr>
</tbody>
</table>

Section 5 - Reactivity Data

Stability - Stable

Conditions to Avoid - None

Incompatible Materials to Avoid - Cationic Materials, Strong Oxidizers, Strong Acids and Alkali Materials

Hazardous Decomposition or Byproducts - CO2

Hazardous Polymerization - None

Conditions to Avoid - None
Section 6 - Health Hazard Data

Routes of Entry
Inhalation? - Possible
Skin? - Possible
Ingestion? - Possible

Health Hazards - Same as Signs and Symptoms of Exposures
Note - All Chemicals in this Product are Listed in the TSCA Inventory List.
OSHA Carcinogenicity? - None; NTP? - None; IARC Monographs? - None.

Signs and symptoms of overexposure:

Eyes - Burning Sensation
Skin - Slight Irritation
Ingestion - Nausea
Inhalation - Not Expected To Be A Problem

Medical Conditions Generally Aggravated by Exposure - Same as Signs and Symptoms of Over Exposure.

Emergency and First Aid Procedures

Eyes - Flush With Water For 15 Minutes. If Irritation Persists, Call Physician.
Skin - Wash Off With Soap & Water, If Irritation Persists, Call Physician
Ingestion - Drink Large Amounts of Water, Call Physician
Inhalation - Not Expected To Be a Problem

Section 7 - Precautions For Safe Handling and Use.
Steps to be taken in case material is released or spilled - Contain with an inert, absorbent material. Collected in an approved container and placed in a proper waste disposal container.

Waste Disposal Method - Dispose of in accordance with state and local regulations.
Precautions To Be Taken In Handling and Storage - Store in a cool, dry place, out of direct sunlight. Do not freeze, less than or equal to 32 F, or heat above 110 F.

Other Precautions - Keep out of reach of children. Follow directions on the container for proper use of this product.

Section 8 - Control Measures
Respiratory Protection - Open all doors and windows. If there is an exposure, and it is above the TLV or PEL, a NIOSH approved respirator equipped for the exposure or suitable respiratory protection per 29 CFR 1910.134, is required.
Ventilation - Local Exhaust - If Available Special - None Mechanical - If Available Other - None
Protective Gloves - Plastic or Rubber, Chemical Resistant
Eye Protection - Glasses, Goggles
Other Protective Clothing or Equipment - None

Hygienic Work Practices - Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label which will dictate engineering and control measures.

Other Special Requirements - None

Note: Wazo believes the data set forth are accurate, Wazo makes no warranty with respect to the data and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customer's discretion.
1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: 930213
Product Name: Waxie-Green Hi-Gloss Floor Finish
Company Name: Waxie Sanitary Supply
9353 Waxie Way
San Diego, CA 92123-1036
Phone Number: 1 (800)995-4466
Web site address: www.waxie.com
Emergency Contact: Chem-Tel
Information: 1 (800)255-3924
Part Number: 930215, 930210

2. HAZARDS IDENTIFICATION

Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 3
Serious Eye Damage/Eye Irritation, Category 2A
Target Organ Systemic Toxicity (single exposure), Category 3

Warning

GHS Hazard Phrases:
- H332 - Harmful if inhaled.
- H302 - Harmful if swallowed.
- H316 - Causes mild skin irritation.
- H319 - Causes serious eye irritation.
- H335 - May cause respiratory irritation.

GHS Precaution Phrases:
- P271 - Use only outdoors or in a well-ventilated area.
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 - Call a POISON CENTER/doctor/... if you feel unwell.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330 - Rinse mouth.
- P332+313 - If skin irritation occurs, get medical advice/attention.
- P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+313 - If eye irritation persists, get medical advice/attention.
- P309+311 - Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases:
- P501 - Dispose of contents/container to ....
- P405 - Store locked up.
- P403+233 - Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.
SAFETY DATA SHEET
Waxie-Green Hi-Gloss Floor Finish

Potential Health Effects
(Acute and Chronic):
Inhalation: Not expected to be a problem.
Skin Contact: Slight irritation.
Eye Contact: Causes eye irritation.
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea. May cause kidney damage. May cause central nervous system depression.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-90-0</td>
<td>Diethylene glycol monoethyl ether</td>
<td>Proprietary</td>
</tr>
<tr>
<td>78-51-3</td>
<td>Ethanol, 2-Butoxy-, phosphate (3:1)</td>
<td>Proprietary</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Emergency and First Aid Procedures:
In Case of Inhalation: Not expected to be a problem.
In Case of Skin Contact: Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse. In case of contact, immediately wash skin with soap and copious amounts of water.
In Case of Eye Contact: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation develops, get medical aid.
In Case of Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Signs and Symptoms Of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Note to Physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Flash Pt: No data.
Explosive Limits: LEL: N.E. UEL: N.E.
Autoignition Pt: No data.
Suitable Extinguishing Media: Use water spray, alcohol foam, CO2, dry chemical. Suitable:

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool. Combustible liquid and vapor.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions. EXPOSURE HAZARD(S) Material: Irritant.

Flammable Properties and Hazards: No data available.
6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Provide ventilation. Prevent runoff from entering drains, sewers, or streams. PROCEDURE(S) OF PERSONAL PRECAUTION(S)

Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves.
Methods for cleaning up.
Cover with dry lime or soda ash, pick up, keep in a closed container, and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling:
Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.
Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. If peroxide formation is suspected, do not open or move container. Keep away from heat and flame.
User Exposure: Avoid contact and inhalation.

Precautions To Be Taken in Storing:
Store in a tightly closed container. After opening purge container with nitrogen before reclosing. Periodically test for peroxide formation on long-term storage. Addition of water or appropriate reducing materials will lessen peroxide formation. All peroxidizable substances should be stored away from heat and light and be protected from ignition sources. Suitable:

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Partial Chemical Name</th>
<th>OSHA TWA</th>
<th>ACGIH TWA</th>
<th>Other Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-90-0</td>
<td>Diethylene glycol monoethyl ether</td>
<td>No data.</td>
<td>No data.</td>
<td>No data</td>
</tr>
<tr>
<td>78-51-3</td>
<td>Ethanol, 2-Butoxy-, phosphate (3:1)</td>
<td>No data.</td>
<td>No data.</td>
<td>No data</td>
</tr>
</tbody>
</table>

Respiratory Equipment
(Specify Type):
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. Hand: Rubber gloves.

Eye Protection:
Wear chemical splash goggles. Chemical safety goggles.

Protective Gloves:
Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing:
Wear appropriate protective clothing to minimize contact with skin.

Engineering Controls
(Ventilation etc.):
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Safety shower and eye bath. Mechanical exhaust required.

Work/Hygienic/Maintenance Practices:
Wash thoroughly after handling. Wash contaminated clothing before reuse.
9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical States</td>
<td>[ ] Gas [X] Liquid [ ] Solid</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Opaque white liquid with bland fragrance.</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt; 210 °F (100.0 °C)</td>
</tr>
<tr>
<td>Autoignition Pt</td>
<td>No data.</td>
</tr>
<tr>
<td>Flash Pt</td>
<td>No data.</td>
</tr>
<tr>
<td>Explosive Limits</td>
<td>LEL: N.E. UEL: N.E.</td>
</tr>
<tr>
<td>Specific Gravity (Water = 1)</td>
<td>1.024</td>
</tr>
<tr>
<td>Vapor Pressure (vs. Air or mm Hg)</td>
<td>No data.</td>
</tr>
<tr>
<td>Vapor Density (vs. Air = 1)</td>
<td>No data.</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data.</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>100%</td>
</tr>
<tr>
<td>pH</td>
<td>7.5 - 9.0</td>
</tr>
<tr>
<td>Percent Volatile</td>
<td>No data.</td>
</tr>
<tr>
<td>VOC / Volume</td>
<td>0 GL</td>
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</tbody>
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10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Condition</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Unstable [ ] Stable [X]</td>
</tr>
<tr>
<td>Conditions To Avoid -</td>
<td>Light, ignition sources, Moisture, Excess heat.</td>
</tr>
<tr>
<td>Instability</td>
<td></td>
</tr>
<tr>
<td>Avoid</td>
<td></td>
</tr>
<tr>
<td>Hazardous Decomposition</td>
<td>Carbon monoxide, Carbon dioxide, Thermal decomposition may produce toxic fumes of phosphorus oxides and/or phosphine.</td>
</tr>
<tr>
<td>Byproducts</td>
<td></td>
</tr>
<tr>
<td>Possibility of Hazardous</td>
<td>Will occur [ ] Will not occur [X]</td>
</tr>
<tr>
<td>Reactions</td>
<td></td>
</tr>
<tr>
<td>Conditions To Avoid - Hazardous Reactions</td>
<td>No data available.</td>
</tr>
</tbody>
</table>

11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toxicological Information</td>
<td>Epidemiology: No information found.</td>
</tr>
<tr>
<td></td>
<td>Teratogenicity: No information available. Reproductive Effects: Mutagenicity: Neurotoxicity:</td>
</tr>
<tr>
<td>Carcinogenicity/Other Information</td>
<td>CAS# 111-90-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Hazardous Components (Chemical Name)</th>
<th>NTP</th>
<th>IARC</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-90-0</td>
<td>Diethylene glycol monooethyl ether</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
<tr>
<td>78-51-3</td>
<td>Ethanol, 2-Butoxy-, phosphate (3:1)</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
<td>n.a.</td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION

General Ecological Information:
Environmental: Not readily biodegradable. No bioaccumulation is to be expected.
Physical: No information available.
Other: The Koc of diethylene glycol monoethyl ether is estimated as approximately 12,000,
using a measured log Kow of -0.54 and a regression-derived equation. According to a
recommended classification scheme, this estimated Koc value suggests that diethylene
glycol monoethyl ether has very high mobility in soil.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified
as a hazardous waste. US EPA guidelines for the classification determination are listed
in 40 CFR Parts 261. Additionally, waste generators must consult state and local
hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed. APPROPRIATE METHOD OF DISPOSAL OF
SUBSTANCE OR PREPARATION. Dissolve or mix the material with a combustible
solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14. TRANSPORT INFORMATION

GHS Classification:
Acute Toxicity: Inhalation, Category 4 - Warning! Harmful if inhaled
Acute Toxicity: Oral, Category 4 - Warning! Harmful if swallowed
Skin Corrosion/Irritation, Category 3 - Warning! Causes mild skin irritation
Serious Eye Damage/ Eye Irritation, Category 2A - Warning! Causes serious eye irritation
Target Organ Systemic Toxicity (single exposure), Category 3 - Warning! May cause respiratory irritation, or may cause drowsiness and dizziness

LAND TRANSPORT (US DOT):
DOT Proper Shipping Name: Not regulated as a hazardous material.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):
TDG Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):
ICAO/IATA Shipping Name: Non-Hazardous for Air Transport: Non-hazardous for air transport.

15. REGULATORY INFORMATION

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections:
[X] Yes [ ] No Acute (immediate) Health Hazard
[X] Yes [ ] No Chronic (delayed) Health Hazard
[X] Yes [X] No Fire Hazard
[X] Yes [ ] No Sudden Release of Pressure Hazard
[X] Yes [X] No Reactive Hazard

CAS #: Hazardous Components (Chemical Name) Other US EPA or State Lists
111-90-0 Diethylene glycol monoethyl ether CA PROP.65: No; CA TAC, Title 8 TAC
78-51-3 Ethanol, 2-Butoxy-, phosphate (3:1) CA PROP.65: No; CA TAC, Title 8 TAC
16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>Revision Date:</th>
<th>10/18/2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Information About This Product:</td>
<td>This product uses a zinc free polymer &amp; other materials that are considered to be green and biodegradable by most &quot;Green&quot; organizations.</td>
</tr>
<tr>
<td>Company Policy or Disclaimer:</td>
<td>The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER
   - ITEM NUMBER(S): 930255
   - PRODUCT NAME: WAXIE-Green Pure Advantage Floor Finish and Sealer

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE
   - RECOMMENDED USE: Floor Finish & Sealer
   - IDENTIFIED USERS: For sale to, use and storage by service persons only.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
   - MANUFACTURER/SUPPLIER: WAXIE Sanitary Supply
   - ADDRESS: 9353 Waxie Way; San Diego, CA 92123-1036
   - BUSINESS PHONE: 1-800-995-4466
   - EMERGENCY PHONE: 1-800-255-3924 (CHEMTEL; 24 hours)

1.4 OTHER PERTINENT INFORMATION
   - This product is sold and used in relatively small volumes. This SDS has been developed to address safety concerns affecting small volume handling situations and those involving warehouses and workplaces where large numbers of these items are stored or distributed.

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE
   OSHA/HCS Status
   Classification of the Substance or Mixture: Not classified as hazardous.

2.2 LABEL ELEMENTS (suggested):
   Hazard Pictograms: Not applicable.
   Signal Word: Not applicable.
   Hazard Statements: No known significant effects or critical hazards.
   Precautionary Statements: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
SECTION 2: HAZARD IDENTIFICATION (Continued)

Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists, see a physician.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.

Storage

None specified. See section 7 for details.

Disposal

None specified. See section 13 for details.

2.3 OTHER PERTINENT HAZARDS NOT OTHERWISE CLASSIFIED

- Not established.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>CAS NUMBER</th>
<th>GHS HAZARD CLASSIFICATION FOR CHEMICAL</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-ethoxyethoxy)ethanol</td>
<td>111-90-0</td>
<td>Flammable liquids (Category 4)</td>
<td>1 - 5</td>
</tr>
<tr>
<td>tris(2-butoxyethyl) phosphate</td>
<td>78-51-3</td>
<td>Skin Corrosion/Irritation Category 2; Serious Eye Damage/Eye Irritation Category 2; Specific target organ toxicity (single exposure) Category 3, Target Organs - Respiratory system.</td>
<td>1 - 5</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

AREA EXPOSED

Eye Contact
Flush with copious amounts of water for 15 minutes. “Roll” eyes during flush. Check for and remove contact lenses. Seek medical attention if irritation persists.

Skin Contact
Flush area with warm, running water for several minutes. Seek medical attention if irritation persists.

Inhalation
Obtain fresh air.

Ingestion
If conscious only: Rinse mouth with water. Drink several cups of water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

- ACUTE HEALTH EFFECTS:

AREA EXPOSED

Eye Contact
No known significant affects or critical hazards.

Skin Contact
No known significant affects or critical hazards.

Inhalation
No known significant affects or critical hazards.

Ingestion
No known significant affects or critical hazards.

- CHRONIC HEALTH EFFECTS: Not applicable.

- TARGET ORGANS: Not applicable.
SECTION 4: FIRST AID MEASURES (Continued)

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- GENERAL INFORMATION: For all exposures: In case of accident, or if you feel unwell, seek medical advice immediately. Take this document and a copy of the label to the healthcare professional.
- RECOMMENDATIONS TO PHYSICIANS: Treat symptomatically.
- MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None reported.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

- UNSUITABLE FIRE EXTINGUISHING MEDIA: None known.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- NFPA FLAMMABILITY CLASSIFICATION:
  NFPA Rating
  Not flammable.

- UNUSUAL HAZARDS IN FIRE SITUATIONS:
  Decomposition Products: Carbon dioxide, carbon monoxide, phosphorus oxides.
  Explosion Sensitivity to Mechanical Impact: Not applicable.
  Explosion Sensitivity to Static Discharge: Not applicable.

5.3 ADVICE FOR FIREFIGHTERS

Self-Contained Breathing Apparatus and full protective equipment for fire response should be worn in any situation. Move containers from fire area if it can be done without risk to personnel. Otherwise, use water spray to keep fire-exposed containers cool.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

- RESPONSE TO INCIDENTAL RELEASES: Personnel who have received basic chemical safety training can generally handle small-scale releases. Gloves and safety glasses must be worn when cleaning-up spills. Use caution during clean-up; contaminated floors and items may be slippery.
- RESPONSE TO NON-INCIDENTAL RELEASES: Generally, releases of this product will be no larger than the loss of one shipment of material. Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incidental chemical releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel.
SECTION 6: ACCIDENTAL RELEASE MEASURES (Continued)

- RESPONSE PROCEDURES FOR ANY RELEASE: Absorb spilled liquid with polypads or other suitable absorbent materials. Rinse area thoroughly.

6.2 ENVIRONMENTAL PRECAUTIONS
- Avoid response actions that can cause a release of a significant amount of product (more than 5 gallons) into the environment. Avoid accidental dispersal of spilled material into soil, waterways and sewers.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP
- SPILL RESPONSE EQUIPMENT: Polypad or other absorbent material.

6.4 REFERENCES TO OTHER SECTIONS
- SECTION 8: For exposure levels and detailed personal protective equipment recommendations.
- SECTION 13: For waste handling guidelines.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Hygiene Practices
Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.

Handling Practices
Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Practices
Ensure all containers are correctly labeled. Store containers away from direct sunlight, sources of intense heat, or where freezing is possible. Store this product away from incompatible chemicals. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Empty containers may contain residual liquid; therefore, empty containers should be handled with care.

Incompatibilities
See Section 10 (Stability and Reactivity).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

- AIRBORNE EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-(2-ethoxyethoxy)ethanol</td>
<td></td>
<td></td>
<td></td>
<td>AIHA WEBL (United States, 10/2011)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA: 25 ppm 8 hours.</td>
</tr>
</tbody>
</table>

- BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS: Not established.

8.2 EXPOSURE CONTROLS

Engineering Controls
Use in well-ventilated environment.

Respiratory Protection
None needed in normal circumstances of use.

Hand Protection
In the event prolonged skin contact is anticipated, neoprene, PVC, or butyl gloves are recommended. Ensure gloves are intact prior to use.

Eye Protection
Safety glasses.

Body Protection
Standard protection used in janitorial service.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

8.3 PERSONAL PROTECTION SYMBOLS

Hand Protection  
Eye Protection

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Milky white liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Bland</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>7.5</td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>0°C (32°F)</td>
</tr>
<tr>
<td>Initial Boiling Point/Boiling Range</td>
<td>100°C (212°F)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Closed cup: &gt;93.334°C (&gt;200°F)</td>
</tr>
<tr>
<td>Evaporation Rate (Water = 1)</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not available</td>
</tr>
<tr>
<td>Upper/Lower Explosive Limits</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>&lt;4 kPa (&lt;30 mm Hg) room temperature</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&lt;1 [Air = 1]</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.02</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient/n-octanol/water</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
</tbody>
</table>

9.2 OTHER INFORMATION

- WEIGHT% VOC: <1%

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID

- Avoid contact with incompatible chemicals.

10.5 INCOMPATIBLE MATERIALS

- Strong oxidizing agents, water reactive materials, cationic agents

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Under normal conditions of storage and use, hazardous decomposition products should not be produced.
SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- ACUTE TOXICITY:
  - TOXICOLOGY DATA: The following data are available for components of this product.
    - **2-(2-ETHOXYETHOXY)ETHANOL**
      - LD₅₀ (Oral, Rat) = 7500 mg/kg
    - **TRIS(2-BUTOXYETHYL) PHOSPHATE**
      - LD₅₀ (Oral, Rat) = 3 g/kg
  - DEGREE OF IRRITATION: See Section 4 (First Aid Measures) for more details.
  - SENSITIZATION: The components of this product are not reported to have skin or respiratory sensitization effects.
  - REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE:
    - Eyes: No known significant effects or critical hazards.
    - Skin: No known significant effects or critical hazards.
    - Inhalation: No known significant effects or critical hazards.
    - Ingestion: No known significant effects or critical hazards.

- CHRONIC TOXICITY:
  - CARCINOGENICITY STATUS: Not established.
  - REPRODUCTIVE TOXICITY INFORMATION: Not available.
  - MUTAGENIC EFFECTS: Not available.
  - SPECIFIC TARGET ORGAN TOXICITY — SINGLE EXPOSURE: Not available.
  - SPECIFIC TARGET ORGAN TOXICITY — REPEATED EXPOSURE: Not available.
  - ASPIRATION HAZARD: Not available.

- OTHER INFORMATION:
  - TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known.
  - ADDITIONAL TOXICOLOGY: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

- The following aquatic toxicity data are available for components of this product.
  - **2-(2-ETHOXYETHOXY)ETHANOL**
    - Acute LC₅₀ — (Daphnia magna - Neonate, Fresh water): 3340000 µg/l - 48 hours
    - Acute LC₅₀ — (Ictalurus punctatus, Fresh water): 6010000 µg/l - 96 hours
  - **TRIS(2-BUTOXYETHYL) PHOSPHATE**
    - Acute LC₅₀ — (Pimephales promelas, Fresh water): 11200 µg/l - 96 hours

12.2 PERSISTENCE AND DEGRADABILITY

- Not available.

12.3 BIOACCUMULATIVE POTENTIAL

- This product is not anticipated to bioaccumulate significantly.

12.4 MOBILITY IN SOIL

- Not available.

12.5 OTHER ADVERSE EFFECTS

- None reported.
SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS
- Dispose of in accordance with local, State and Federal regulations.

13.2 DISPOSAL CONSIDERATIONS
- EPA RCRA WASTE CODE: Not applicable.

SECTION 14: TRANSPORT INFORMATION

14.1 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION
- DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS SHIPPING REGULATIONS:

<table>
<thead>
<tr>
<th>UN/NA Number</th>
<th>Proper Shipping Name</th>
<th>Packing Group</th>
<th>Hazard Class</th>
<th>Label</th>
<th>North American Emergency Response Guide #</th>
<th>Marine Pollutant Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NOT APPLICABLE</td>
<td></td>
</tr>
</tbody>
</table>

- IATA DESIGNATION: This product is not regulated as dangerous goods by the International Air Transport Association.
- IMO DESIGNATION: This product is not regulated as dangerous goods by the International Maritime Organization.

14.2 ENVIRONMENTAL HAZARDS
- None described, as related to transportation.

14.3 SPECIAL PRECAUTIONS FOR USERS
- Not applicable.

14.4 TRANSPORT IN BULK
- Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT
- OTHER IMPORTANT U.S. REGULATIONS
  - U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21): ACUTE: No; CHRONIC: No; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No
  - U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.
  - U.S. TSCA INVENTORY STATUS: All components are listed or exempted.
  - CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS: Not applicable.

- INTERNATIONAL REGULATIONS
  - CANADIAN REGULATORY STATUS: Not determined.
  - CANADIAN DSL/INDS INVENTORY STATUS: All components are listed or exempted.
  - CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: Not determined.
  - GERMAN WATER HAZARD CLASSIFICATION: Not determined.

SECTION 16: OTHER INFORMATION

16.1 INDICATION OF CHANGE
- DATE OF REVISION: 8/25/2015
- SUPERCEDES: 8/10/2015
SECTION 16: OTHER INFORMATION (Continued)

16.2 KEY LITERATURE REFERENCES AND SOURCES FOR DATA
• SAFETY DATA SHEETS FOR COMPONENT PRODUCTS.
• European Chemicals Inventory Classification and Listing: http://echa.europa.eu

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

Product as sold

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Protective Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>BHMIS Personal Protective Equipment Rating: Occupational Use situations: B - Safety glasses and gloves.</td>
</tr>
</tbody>
</table>

16.4 DISCLAIMER

WAXIE Sanitary Supply makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user’s responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by WAXIE Sanitary Supply as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does WAXIE Sanitary Supply assume any liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. WAXIE Sanitary Supply does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.

16.5 ABBREVIATIONS AND ACRONYMS


SECTION 2: CAS Number: Chemical Abstract Service Number, which is used by the American chemical Society to uniquely identify a chemical.

SECTION 5: NFPA: National Fire Protection Association. NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (F.P.) and boiling point (B.P.) to classify flammable or combustible liquids. Class IA: F.P. below 23°F and B.P. below 100°F. Class IB: F.P. below 73°F and B.P. at or above 100°F, Class IC: F.P. at or above 73°F and B.P. at or above 100°F. Class II: F.P. at or above 100°F and below 140°F. Class IIIA: F.P. at or above 140°F and below 200°F. Class IIIB: F.P. at or above 200°F. NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.

SECTION 8: NE: Not established. ACGIH: American Conference of Government Industrial Hygienists. TWA: Time-Weighted Average (over an 8-hour work day). STEL: Short-Term Exposure Limit [15 minute average, no more than 4-times daily and each exposure separated by one-hour minimally]. C: Ceiling Limit (concentration not to be exceeded in a work environment). PEL: Permissible Exposure Limit. NIOSH: National Institute of Occupational Safety and Health. REL: Recommended Exposure Limit. IDLH: Immediately Dangerous to Life and Health Concentrations. Note: In July 1992, a court ruling vacated the more protective PELs set by OSHA in 1988. Because OSHA may enforce the more protective levels under the "general duty clause", both the current and vacated levels are presented in this document. ppm: Parts per Million. mg/m³: Milligrams per cubic meter. mcg/m³: Micrograms per cubic meter. DFG: Maximum Concentration Values in the Workplace (MAX).

SECTION 9 (Continued): LOWER EXPLOSIVE LIMIT (LEL): The minimal concentration of flammable vapors in which will sustain ignition. UPPER EXPLOSIVE LIMIT (UEL): The maximum concentration of flammable vapors in which will sustain Ignition. Approximately Symbol. VOC: Volatile Organic Compound.

SECTION 11: CARCINOGENICITY STATUS: NTP: National Toxicology Program. IARC: International Agency for Research on Cancer. REPRODUCTIVE TOXICITY INFORMATION: Mutagen: Substance capable of causing chromosomal damage to cells. Embryotoxic: Substance capable of damaging the developing embryo in an overexposed female. Teratogen: Substance capable of damaging the developing fetus in an overexposed female. Reproductive toxin: Substance capable of adversely affecting male or female reproductive organs or functions. TOXICOLOGY DATA: LD₅₀: lower LC₅₀: The Lethal Dose or Lethal Concentration of a substance which will be fatal to a given percentage (x%) of test animals by the designate route of administration. This value is used to access the toxicity of chemical substances to humans. TD₅₀: T₅₀: Toxic Dose or Toxic Concentration of a substance which will cause an adverse effect to a given percentage (x%) of exposed test animals by the designate route of administration.

SECTION 12: EC₅₀: Effect Concentration (on 50% of study group); BOD: Biological Oxygen Demand; NLNOE: No Lowest Observable Effect Concentration.

SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this act under Act are found in 40 CFR, Sections 260 ff, and define the requirements of hazardous waste generation, transport, treatment, storage, and disposal. EPA RCRA Waste Codes: Defined in 40 CFR Section 261.

SECTION 15: CERCLA: Comprehensive Environmental Response Compensation and Liability Act (a.k.a. "Superfund") and SARA: (Superfund Amendment and Reauthorization Act). The regulations promulgated under this Act are located under 40 CFR 300 ff. and provide "community right-to-know" requirements. TSCA: Toxic Substances Control Act: Rules regulating the manufacture and sale of chemicals found in 40 CFR 700-706. DSL/NDDSL: Canadian Domestic Substances and Non-Domestic Substances Lists.

SECTION 16: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATING: This is a rating system used by industry to summarize physical and health hazards to chemical users and was originally developed by the National Paint and Coating Association. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.
SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER:
- ITEM NUMBER(S): 320661
- PRODUCT NAME: 1 GL: WAXIE-Green Floor Stripper

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE OR USES ADVISED AGAINST
- RECOMMENDED USE: Flooring surface stripper.
- IDENTIFIED USERS: For sale to, use and storage by service persons only.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
- MANUFACTURER/SUPPLIER: WAXIE Sanitary Supply
- ADDRESS: 9353 Waxie Way; San Diego, CA 92123-1036
- BUSINESS PHONE: 1-800-995-4466
- EMERGENCY PHONE: 1-800-255-3924 (CHEMTEL; 24 hours)

1.4 OTHER PERTINENT INFORMATION
- This product is sold and used in relatively small volumes. This SDS has been developed to address safety concerns affecting small volume handling situations and those involving warehouses and other workplaces where large numbers of these items are stored or distributed.

SECTION 2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:
OSHA/HCS Status
Classification of the Substance or Mixture: Skin corrosion/irritation (Category 2); Eye damage/irritation (Category 2A)

2.2 LABEL ELEMENTS:
ELEMENT

Hazard Pictograms
Signal Word: WARNING.
Hazard Statements: Causes skin irritation. Causes serious eye irritation.
Precautionary Statements: Keep out of reach of children. Read label before use. Wash exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

WAXIE-Green Floor Stripper
WAXIE Sanitary Supply
Page 1 of 9
SAFETY DATA SHEET
July 25, 2016
SECTION 2: HAZARDS IDENTIFICATION (Continued)

2.2 LABEL ELEMENTS (Continued):

ELEMENT

Precautionary Statements
Response Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage None specified. See section 7 for details.
Disposal None specified. See section 13 for details.

2.3 OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

• Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS NUMBER</th>
<th>GHS HAZARD CLASSIFICATION FOR COMPONENT</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>Flammable liquids (Category 4); Acute toxicity, Oral (Category 4); Acute toxicity, Inhalation (Category 4); Acute toxicity, Dermal (Category 4); Skin corrosion (Category 1B); Serious eye damage (Category 1)</td>
<td>1-5</td>
</tr>
<tr>
<td>Benzyl Alcohol</td>
<td>100-51-6</td>
<td>Flammable liquids (Category 4); Acute toxicity, Oral (Category 4); Acute toxicity, Inhalation (Category 4); Acute toxicity, Dermal (Category 4); Skin irritation (Category 2); Eye irritation (Category 2); Specific target organ toxicity (single exposure) (Category 3)</td>
<td>1-5</td>
</tr>
<tr>
<td>4-Amino-2-methylpropanol</td>
<td>124-68-5</td>
<td>Skin irritation (Category 2); Eye irritation (Category 2A); Chronic aquatic toxicity (Category 3).</td>
<td>1-5</td>
</tr>
</tbody>
</table>

Other components that do not contribute physical or health hazards at the concentrations present in the product. Balance

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

AREA EXPOSED

Eye Contact Flush with copious amounts of water. "Roll" eyes during flush. Check for and remove contact lenses. Seek medical attention if irritation persists.

Skin Contact Rinse exposed skin thoroughly with water. Seek medical attention if irritation occurs.

Inhalation Obtain fresh air. Blow nose. Seek medical attention if irritation occurs.

Ingestion If conscious only: Rinse mouth with water. Drink several cups of water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

• ACUTE HEALTH EFFECTS:

AREA EXPOSED

Eye Contact Causes serious eye irritation.

Skin Contact Causes skin irritation.

Inhalation May cause mild system irritation.

Ingestion May cause mild system irritation.
SECTION 4: FIRST AID MEASURES (Continued)

- **CHRONIC HEALTH EFFECTS**: Not applicable.
- **TARGET ORGANS**: Skin, eyes.

4.3 **INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**
- **GENERAL INFORMATION**: For all exposures: In case of accident, or if you feel unwell, seek medical advice immediately. Take this document and a copy of the label to the healthcare professional.
- **RECOMMENDATIONS TO PHYSICIANS**: Treat symptomatically.
- **MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE**: None reported.

SECTION 5: FIREFIGHTING MEASURES

5.1 **EXTINGUISHING MEDIA**
- **RECOMMENDED FIRE EXTINGUISHING MEDIA**: Water Spray, Water Jet, Dry Powder, Foam, Carbon Dioxide, Halon, or any other.
- **UNSUITABLE FIRE EXTINGUISHING MEDIA**: None known.

5.2 **SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**
- **NFPA FLAMMABILITY CLASSIFICATION**:
  - NFPA Rating
  
  ![NFPA Rating](image)
  
  NFPA Classification Not flammable.

- **UNUSUAL HAZARDS IN FIRE SITUATIONS**:
  - **Decomposition Products**: Carbon dioxide, carbon monoxide, chlorine compounds, nitrogen compounds, and irritating vapors.
  - **Explosion Sensitivity to Mechanical Impact**: Not applicable.
  - **Explosion Sensitivity to Static Discharge**: Not applicable.

5.3 **ADVICE FOR FIREFIGHTERS**
- Self-Contained Breathing Apparatus and full protective equipment for fire response should be worn in any situation. Move containers from fire area if it can be done without risk to personnel. Otherwise, use water spray to keep fire-exposed containers cool. Because this is product is a cleaning agent, any equipment that comes in contact with this solution can be rinsed thoroughly with water and then returned to service.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 **PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES**
- **RESPONSE TO INCIDENTAL RELEASES**: Personnel who have received basic chemical safety training can generally handle small-scale releases. Gloves and safety glasses should be worn when cleaning-up spills, to avoid prolonged contact and splash protection. Use caution during clean-up; contaminated floors and items may be slippery.

- **RESPONSE TO NON-INCIDENTAL RELEASES**: Generally, releases of this product will be no larger than the loss of one shipment of material. Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incidental releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel.

- **RESPONSE PROCEDURES FOR ANY RELEASE**: Absorb spilled liquid with poly pads or other suitable absorbent materials. Rinse area thoroughly. Because this product is a cleaning solution, all items that come in contact with the solution can be returned to service after rinsing.
SECTION 6: ACCIDENTAL RELEASE MEASURES (Continued)

6.2 ENVIRONMENTAL PRECAUTIONS
- Avoid response actions that can cause a release of a significant amount of product (more than 4 gallons) into the environment. Avoid accidental dispersal of spilled material into soil, waterways and sewers.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP
- SPILL RESPONSE EQUIPMENT: Polypad or other absorbent material.

6.4 REFERENCES TO OTHER SECTIONS
- SECTION 8: For exposure levels and detailed personal protective equipment recommendations.
- SECTION 13: For waste handling guidelines.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING
Hygiene Practices
Keep out of reach of children. Follow good chemical hygiene practices. Avoid inhalation of mists and sprays. Avoid contact with eyes. Clean spills immediately.

Handling Practices
Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES
Storage Practices
Ensure all containers are correctly labeled. Store containers away from direct sunlight, sources of intense heat, or where freezing is possible. Store this product away from incompatible chemicals. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged.

Incompatibilities
See Section 10 (Stability and Reactivity).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS
- AIRBORNE EXPOSURE LIMITS: Not established for any component of this mixture.

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
<td>AIHA WEEL (United States, 10/2011) TWA: 10 ppm 8 hours.</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>TWA: 3 ppm 8 hours. TWA: 7.5 mg/m³ 8 hours. STEL: 6 ppm 15 minutes. STEL: 15 mg/m³ 15 minutes.</td>
<td>TWA: 3 ppm 8 hours. TWA: 6 mg/m³ 8 hours. STEL: 6 ppm 15 minutes. STEL: 15 mg/m³ 15 minutes.</td>
<td>TWA: 3 ppm 10 hours. TWA: 8 mg/m³ 10 hours. STEL: 6 ppm 15 minutes. STEL: 15 mg/m³ 15 minutes.</td>
<td>NE</td>
</tr>
</tbody>
</table>

- BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS: Not established.

8.2 EXPOSURE CONTROLS
Engineering Controls
Use in well-ventilated environment.

Respiratory Protection
None needed in normal circumstances of use.

Hand Protection
Neoprene, PVC, or butyl gloves are recommended. Ensure gloves are intact prior to use.

Eye Protection
Safety glasses, during spill response only.

Body Protection
Not applicable.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

8.3 PERSONAL PROTECTION SYMBOLS

Hand Protection

Eye Protection

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

- Appearance: Clear, amber liquid.
- Odor: Not determined.
- Odor Threshold: Not determined.
- pH: 10.5-10.8
- Melting Point/Freezing Point: ≤ 0°C (32 °F).
- Initial Boiling Point/Boiling Range: >100°C (212 °F).
- Flash Point: No information available.
- Evaporation Rate (Water = 1): Approx. 1.0.
- Flammability: Not applicable.
- Upper/Lower Explosive Limits: Not applicable.
- Vapor Pressure: Not determined.
- Vapor Density: Not determined.
- Relative Density: 1.000-1.001 (8.35 lb/gal)
- Solubility: Completely soluble in water.
- Partition Coefficient/n-octanol/water: Not determined.
- Autoignition Temperature: Not applicable.
- Decomposition Temperature: Not determined.
- Viscosity: Not determined.

9.2 OTHER INFORMATION

- VOC (less water & exempt): 5 g/L
- WEIGHT% VOC: 0.5%

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID

- Acids. Oxidizing materials. Halogens. Avoid contact with aluminum, zinc, other soft metals or galvanized metals.

10.5 INCOMPATIBLE MATERIALS

- Strong oxidizers, reducing materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Products of thermal decomposition include very irritating vapors, as well as nitrogen and chloride compounds and carbon oxides.
SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

- ACUTE TOXICITY:
  - PRODUCT TOXICITY DATA:
    - Acute Toxicity Estimate (oral) = 15010 mg/kg
    - Acute Toxicity Estimate (dermal) = 19377 mg/kg
    - Acute Toxicity Estimate (inhalation) = 25 mg/L
    - Unknown Acute Toxicity: 5.96% of mixture consists of ingredients with unknown acute toxicity.
  - COMPONENT TOXICITY DATA: The following data are available for the hazardous components in this product listed in Section 3 (Composition/Information on Ingredients).
    - **BENZYL ALCOHOL**
      - LD50 (Oral, Rat) = 1230 mg/kg
      - LD50 (Dermal, Rabbit) = 2090 mg/kg
      - LD50 (Inhalation, Rat) = 8.8 mg/L/4 hours
    - **MONOETHANOL AMINE**
      - LD50 (Oral, Rat) = 1720 mg/kg
      - LD50 (Dermal, Rabbit) = 1 mL/kg
    - **2-AMINO-2-METHYLPROPANOL**
      - LD50 (Oral, Rat) = 2900 mg/kg
      - LD50 (Dermal, Rabbit) > 2000 mg/kg
  - DEGREE OF IRRITATION: Causes skin irritation and serious eye irritation.
  - SENSITIZATION: The components of this product are not reported to have skin or respiratory sensitization effects.
  - REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE: See Section 2 (Hazards Information) and Section 4 (First-Aid Measures) for additional details.
    - Eyes: Causes serious eye irritation.
    - Skin: Causes skin irritation.
    - Inhalation: May cause mild system irritation.
    - Ingestion: May cause mild system irritation.

- CHRONIC TOXICITY:
  - CARCINOGENICITY STATUS: The components of this product are not listed as carcinogens by NTP, IARC or OSHA.
  - REPRODUCTIVE TOXICITY INFORMATION: The components of this product are not reported to cause reproductive effects under typical circumstances of exposure.
  - MUTAGENIC EFFECTS: The components of this product are not reported to cause mutagenic effects under typical circumstances of exposure.
  - SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Not applicable.
  - SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Not applicable.
  - ASPIRATION HAZARD: Not applicable.

- OTHER INFORMATION
  - TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known.
  - ADDITIONAL TOXICOLOGY: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

- Based on available data, this product is anticipated to be harmful to contaminated terrestrial plants or animals if significant quantities are released into the environment.
- Based on available data, this product is anticipated to be harmful to contaminated aquatic plants or animals if significant quantities are released into the environment.
SECTION 12: ECOLOGICAL INFORMATION (Continued)

- The following aquatic toxicity data are available for components of this product.

**MONOETHANOLAMINE**
LC50 – (Carassius auratus, Fresh water): 170000 µg/l - 96 hours
EC50 – (Desmodesmus subspicatus, Fresh water): 8.42 mg/l - 72 hours

**BENZYL ALCOHOL**
LC50 – (Lepomis macrochirus, Fresh water): 10000 µg/l - 96 hours

**2-AMINO-2-METHYLPROPANOL**
LC50 – (Lepomis macrochirus): 190 mg/l - 96.0 hours
LC50 – (Daphnia magna): 65 mg/l - 24 hours
EC50 – (Scenedesmus capricornutum/growth inhibition): 520 mg/l - 72 hours

12.2 PERSISTENCE AND DEGRADABILITY
- When released into the soil, the components of this product are expected to biodegrade, dissipate in soils via oxidation, or otherwise chemically degrade or photo-decompose via solar radiation.

12.3 BIOACCUMULATIVE POTENTIAL
- This product is not anticipated to bioaccumulate significantly. The following data are available for components of this product:
  - **MONOETHANOLAMINE**: Partition Coefficient (Log Pow) = -1.91
  - **BENZYL ALCOHOL**: Partition Coefficient (Log Pow) = 1.1
  - **2-AMINO-2-METHYLPROPANOL**: Partition Coefficient (Log Pow) = 0.063

12.4 MOBILITY IN SOIL
- It is to be expected this product will have some mobility in soil. Some of the components may get into the soil and, ultimately, the ground water.

12.5 OTHER ADVERSE EFFECTS
- None reported.

SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS
- Dispose of contents/containers in hazardous or special waste collection point, an approved disposal plant, a licensed hazardous waste disposal contractor or authorized waste collection site in accordance with local, regional and/or international regulation, except for empty clean containers which can be disposed of as non-hazardous waste.

13.2 DISPOSAL CONSIDERATIONS
- **EPA RCRA WASTE CODE**: Not applicable to wastes consisting only of this product.

SECTION 14: TRANSPORT INFORMATION

14.1 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

**DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS SHIPPING REGULATIONS**

<table>
<thead>
<tr>
<th>UN/NA Number</th>
<th>Proper Shipping Name</th>
<th>Packing Group</th>
<th>Hazard Class</th>
<th>Label</th>
<th>North American Emergency Response Guide #</th>
<th>Marine Pollutant Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>NOT APPLICABLE</td>
<td></td>
</tr>
</tbody>
</table>

- **IATA DESIGNATION**: This product is not regulated as dangerous goods by the International Air Transport Association.
- **IMO DESIGNATION**: This product is not regulated as dangerous goods by the International Maritime Organization.

14.2 ENVIRONMENTAL HAZARDS
- The regulations related to Marine Pollutants are not applicable, due to volume size of product and concentration of the constituents.
SECTION 14: TRANSPORT INFORMATION

14.3 SPECIAL PRECAUTIONS FOR USERS
• Not applicable.

14.4 TRANSPORT IN BULK
• Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1: SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT

• OTHER IMPORTANT U.S. REGULATIONS
  o U.S. SARA THRESHOLD PLANNING QUANTITY: Not applicable.
  o U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21): ACUTE: Yes; CHRONIC: No; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No,
  o U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.
  o U.S. SARA 313: No component is subject to the reporting requirements.
  o U.S. TSCA INVENTORY STATUS: All components of this product are listed on the TSCA Inventory.
  o CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS: Not applicable.

• INTERNATIONAL REGULATIONS
  o CANADIAN REGULATORY STATUS: The product is classified as hazardous under Hazardous Products regulations (SOR-88-66).
    ▪ WHMIS 2015: See section 2.
    ▪ WHMIS 1988: D2B –Toxic Material/Other Health Effects. See symbol to right.
  o CANADIAN DSL/NDSL INVENTORY STATUS: The listed components of this product are on the DSL/NDSL Inventory.
  o CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: The listed components of this product are not on the CEPA Priority Substances Lists.

SECTION 16: OTHER INFORMATION

16.1 INDICATION OF CHANGE
• DATE OF REVISION: July 25, 2016
• SUPERCEDES: May 12, 2016
• CHANGE INDICATED: Format changes.

16.2: KEY LITERATURE REFERENCES AND SOURCES FOR DATA
• TOXNET – http://toxnet.nih.gov/

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

<table>
<thead>
<tr>
<th>Health</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>0</td>
</tr>
<tr>
<td>Protective Equipment</td>
<td>B</td>
</tr>
</tbody>
</table>

HMIS Personal Protective Equipment Rating: Occupational Use situations: B - Safety glasses and gloves.
16.4 DISCLAIMER
WAXIE Sanitary Supply makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user’s responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by WAXIE Sanitary Supply as to the effects of such use, the results to be obtained or the safety and toxicity of this product nor does WAXIE Sanitary Supply assume any liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. WAXIE Sanitary Supply does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.

16.5: ABBREVIATIONS AND ACRONYMS
SECTION 5: NFPA: National Fire Protection Association, NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (FLP) and boiling point (BP) to classify flammable or combustible liquids. Class IIA: FLP below 73°F and BP below 100°F, Class IIB: FLP below 73°F and BP at or above 100°F, Class IIC: FLP at or above 73°F and BP at or above 100°F. Class I: FLP at or above 100°F and below 140°F, Class II: FLP at or above 140°F and below 200°F, Class IIIA: FLP at or above 200°F, NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard, 1 = Slight Hazard, 2 = Moderate Hazard, 3 = Severe Hazard, 4 = Extreme Hazard.
SECTION 8: NE: Not established. ACGIH: American Conference of Governmental Industrial Hygienists, TWA: Time-Weighted Average (over an 8-hour work day), STEL: Short-Term Exposure Limit (15 minute average, no more than 4-times daily and each exposure separated by one-hour minimally), C: Ceiling Limit (concentration not to be exceeded in a work environment), PEL: Permissible Exposure Limit, NIOSH: National Institute of Occupational Safety and Health, REL: Recommended Exposure Limit; ppm: Parts per Million, mg/m³: Milligrams per cubic meter, mppm: Millions of Particles per Cubic Foot, BEI: Biological Exposure Limit.
SECTION 9: pH: Scale (0 to 14) used to rate the acidity or alkalinity of aqueous solutions. For example, a pH value of 0 indicates a strongly acidic solution, pH of 7 indicates a neutral solution, and a pH value of 14 indicates an extremely basic solution. FLASH POINT: Temperature at which a liquid generates enough flammable vapors so that ignition may occur. AUTOIGNITION TEMPERATURE: Temperature at which spontaneous ignition occurs. LOWER EXPLOSION LIMIT (LEL): The minimal concentration of flammable vapor in air which will sustain ignition. UPPER EXPLOSION LIMIT (UEL): The maximum concentration of flammable vapor in air which will sustain ignition. VOC: Volatile Organic Compound.
MATERIAL SAFETY DATA SHEET

Green Concepts 41 Floor Finish Remover

Section 1 – Product and company identification

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Green Concepts 41 Floor Finish Remover</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Code Number</td>
<td>WF5224</td>
</tr>
<tr>
<td>Product Use:</td>
<td>Floor finish stripper, to be diluted before use.</td>
</tr>
<tr>
<td>Manufacturer/Supplier:</td>
<td>ECO CONCEPTS, INC</td>
</tr>
<tr>
<td></td>
<td>3607 N. 29th Avenue</td>
</tr>
<tr>
<td></td>
<td>Hollywood, FL 33020</td>
</tr>
<tr>
<td>Phone:</td>
<td>(888) 326-6278</td>
</tr>
<tr>
<td>Fax:</td>
<td>(954) 920-9779</td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:Sales@ecoconceptsusa.com">Sales@ecoconceptsusa.com</a></td>
</tr>
<tr>
<td>Emergency Phone:</td>
<td>(800) 535-5053</td>
</tr>
</tbody>
</table>

Section 2 – Hazards identification

Physical state: Liquid.  
EMERGENCY OVERVIEW: CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRITATING TO SKIN.

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

Effects of Acute Exposure:
- Eye: Moderately irritating to eyes.
- Skin: May cause irritation.
- Inhalation: May cause respiratory tract irritation.
- Ingestion: May cause stomach distress, nausea or vomiting.

Section 3 – Ingredients Information

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS#</th>
<th>Wt%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-8</td>
<td>4-7</td>
</tr>
<tr>
<td>1-Butoxy-2-propanol</td>
<td>5131-66-8</td>
<td>4-7</td>
</tr>
<tr>
<td>Monoethanolamine</td>
<td>141-43-5</td>
<td>1-5</td>
</tr>
</tbody>
</table>

Section 4 – First-aid measures

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

Ingestion: Do not induce vomiting. Rinse mouth with water, and then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

Aggravated Medical Conditions: None known.

Section 5 – Fire and explosion hazard

Extinguishing Media: Product is not flammable. Use agent suitable for surrounding fire.

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: None known.

Section 6 – Accidental release measures

Personal: Ventilate area of leak or spill.

Precautions: Do not touch damaged containers unless wearing appropriate protective equipment.

Environmental: Do not allow contact with soil or watercourses.

Methods for Cleaning up: Abide by Federal, State, and local regulations.

Section 7 – Handling and storage

Store containers tightly closed and in an upright position. Do not destroy or deface the label.

Section 8 – Personal Protection

Eyes: Safety glasses with side shields.

Hands: For prolonged and repeated handling, wear impervious gloves.

Skin: None needed under normal conditions.

Respiratory: Avoid breathing vapor, spray or mist.
MATERIAL SAFETY DATA SHEET
Green Concepts 41 Floor Finish Remover

Section 9—Physical Properties
Physical State: Liquid
Color: Colorless
Odor: Characteristic
Solubility in water: Complete
Specific Gravity: 1.01
pH: 12
pH (use solution): 11
Boiling Point: 100°C
Freezing Point: 0°C
Vapor Pressure: N/A
Added Fragrance: None
Flash Point: None
VOC: 0%
Elemental Phosphorus: 0.00%

Section 10—Stability and reactivity
Stability: The product is stable
Conditions of Instability: None known
Incompatible substances: None known
Hazardous decomposition products: When exposed to fire, produces normal products of combustion.

Section 11—Toxicological Information
Effects of Acute Exposure:
Eye: May cause irritation.
Skin: May cause irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

Effects of Chronic Exposure:
Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Irritancy: Hazardous by WHMIS/OSHA criteria.
Respiratory Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.
Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
Synergistic Materials: None known

Section 12—Ecological Information
This product is readily biodegradable into water and oxides of carbon.

Section 13—Disposal
The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of split material, runoff and contact with soil, waterways and storm sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional/local authority requirements.
Abide by Federal, state and local regulations.

Section 14—Transportation
This product is not regulated.

Section 15—Regulatory Information
US Regulations: This product is not subject to the reporting requirements under California's Proposition 65.
Registered Product Information: Not applicable.
Canadian Regulations: WHMIS Classification CLASS D-2B
Registered Product Information: Not applicable.

Section 16—Other Information
Issue Date: November 5, 2012
Prepared By: Eco Concepts, Attn Technical Director
(888) 326-6278
Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that the users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.
Oxivir Five 16 Concentrate (US)

1. IDENTIFICATION

Product name: Oxivir Five 16 Concentrate (US)
Product Code: 4963314, 4963331, 4963357, 5019298, 5271361, 5286287
SDS #: MS0800464
Recommended use:
• Industrial/Institutional
• Disinfectant Cleaner
Uses advised against:
• This product is intended to be diluted prior to use
• Uses other than those identified are not recommended

Manufacturer, importer, supplier:
US Headquarters
Diversey, Inc.
8310 18th St.
Sturtevant, Wisconsin 53177-1964
Phone: 1-888-352-2249
MSDS Internet Address: www.diversey.com

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product
This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and current Canadian Controlled Products Regulations (CPR).

Precautionary Statements
May be mildly irritating to eyes and skin. In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical attention.

Health hazards not otherwise classified (HHNOC) - Not applicable
Physical hazards not otherwise classified (PHNOC) - Not applicable

Percentage of unknown Acute Toxicity: 1.26942

Classification for the diluted product @ 1:16
This product, when diluted as stated on the label, is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and current Canadian Controlled Products Regulations (CPR).

Precautionary Statements
None required.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients
Oxivir Five 16 Concentrate (US)
### 4. FIRST AID MEASURES

**Undiluted Product:**

**Eyes:** In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical attention.

**Skin:** In case of contact, immediately flush with plenty of water. If irritation occurs and persists, get medical attention.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** Rinse mouth with water.

**Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Most Important Symptoms/Effects:** No information available.

**Immediate medical attention and special treatment needed** Not applicable.

**Aggravated Medical Conditions:** None known.

**Diluted Product:**

**Eyes:** Rinse with plenty of water if irritation occurs and persists, get medical attention.

**Skin:** Rinse with plenty of water if irritation occurs and persists, get medical attention.

**Inhalation:** No specific first aid measures are required.

**Ingestion:** Rinse mouth with water.

### 5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required

**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Specific hazards:** Not applicable.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Not relevant to the product itself.

**Environmental precautions and clean-up methods:** Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up.

### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

**Aerosol Level (if applicable):** Not applicable

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol n-propyl ether</td>
<td>1569-01-3</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethoxylated linear alcohol</td>
<td>68439-45-2</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Oxivir Five 16 Concentrate (US)
<table>
<thead>
<tr>
<th>Product</th>
<th>CAS Number</th>
<th>TWA Limit (ppm)</th>
<th>TWA Limit (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1 ppm (TWA)</td>
<td>1.4 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>3 mg/m³ (STEL)</td>
<td>1 mg/m³ (TWA)</td>
</tr>
</tbody>
</table>

**Undiluted Product:**
Engineering measures to reduce exposure: General room ventilation is adequate

**Personal Protective Equipment:**
- **Eye protection:** No personal protective equipment required under normal use conditions.
- **Hand protection:** No personal protective equipment required under normal use conditions.
- **Skin and body protection:** No personal protective equipment required under normal use conditions.
- **Respiratory protection:** No personal protective equipment required under normal use conditions.
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

**Diluted Product:**

**Personal Protective Equipment:**
- **Eye protection:** No personal protective equipment required under normal use conditions.
- **Hand protection:** No personal protective equipment required under normal use conditions.
- **Skin and body protection:** No personal protective equipment required under normal use conditions.
- **Respiratory protection:** No personal protective equipment required under normal use conditions.
- **Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No information available</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Autolignition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not information available</td>
</tr>
<tr>
<td>Density</td>
<td>1.038 Kg/L</td>
</tr>
<tr>
<td>Bulk density</td>
<td>No information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200 °F &gt; 93.3 °C</td>
</tr>
<tr>
<td>Dilution Flash Point</td>
<td>&gt; 200 °F &gt; 93.3 °C</td>
</tr>
<tr>
<td>Elemental Phosphorus</td>
<td>1.314 % by wt.</td>
</tr>
<tr>
<td>pH</td>
<td>1.9 ~ 1.16</td>
</tr>
<tr>
<td>Flammability (Solid or Gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>Not determined - upper:</td>
</tr>
<tr>
<td></td>
<td>Not determined - lower:</td>
</tr>
</tbody>
</table>

* * Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

### 10. STABILITY AND REACTIVITY

- **Reactivity:** Not Applicable
- **Stability:** The product is stable
- **Hazardous decomposition products:** Oxygen
- **Materials to avoid:** Oxidizing agents
- **Conditions to avoid:** Do not freeze

### 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure:**
- Eye contact, Skin contact, Inhalation, Ingestion

**Delayed, immediate, or chronic effects and symptoms from short and long-term exposure:**
- **Skin contact:** May be mildly irritating to skin. Symptoms may include redness and/or transient discomfort.
- **Eye contact:** May be mildly irritating to eyes. Symptoms may include redness, watering and/or transient discomfort.
- **Ingestion:** No information available.
- **Inhalation:** No information available.
- **Sensitization:** No known effects.

Oxivir Five 16 Concentrate (US)
12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this MSDS, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations. Contaminated Packaging: Do not re-use empty containers.

RCRA Hazard Class (undiluted product): D002 Corrosive Waste

RCRA Hazard Class (diluted product): D002 Corrosive Waste

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, only available through Internet Explorer, http://naextranet.diversey.com/dot/, for up to date shipping information.

DOT (Ground) Bill of Lading Description: DISINFECTANTS

IMDG (Ocean) Bill of Lading Description: DISINFECTANTS

15. REGULATORY INFORMATION

International Inventories at CAS# Level:
All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations
EPA Reg. No.: 70627-58
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear chemical splash-proof goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

RIGHT TO KNOW (RTK)

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Propylene glycol n-propyl ether</td>
<td>1569-01-3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Oxivir Five 16 Concentrate (US)
**CERCLA SARA**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2-Hydroxybenzoic Acid</td>
<td>69-72-7</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**SARA 311/312 Hazard Categories**
- Immediate:
- Delayed:
- Fire:
- Reactivity:
- Sudden Release of Pressure:

**Canadian Regulations**

**WHMIS hazard class:** Not for sale in Canada.

---

**16. OTHER INFORMATION**

**NFPA (National Fire Protection Association)**
Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)

**Version Number:** 2  
**Preparation date:** 2015-02-13

**Reason for revision:** Not applicable  
**Prepared by:** NAPRAC  
**Additional advice:** • Does not contain an added fragrance

**Notice to Reader:** This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.
SAFETY DATA SHEET

Oxivir Tb (US)

Version Number: 2  
Preparation date: 2015-03-04

1. IDENTIFICATION

Product name: Oxivir Tb (US)  
Product Code: 4277285

SDS #: MS0800255  
Recommended use:  
- Disinfectant / Deodorizer / Sanitizer  
- This product is intended to be used neat.

Uses advised against:  
Uses other than those identified are not recommended

Manufacturer, importer, supplier:  
US Headquarters  
Diversey, Inc.  
8310 16th St. Sturtevant, Wisconsin 53177-1964  
Phone: 1-888-352-2249  
MSDS Internet Address: www.diversey.com

Canadian Headquarters  
Diversey, Inc. - Canada  
3755 Laird Road Mississauga, Ontario L5L 0B3  
Phone: 1-800-688-3131

Emergency telephone number:  
1-800-851-7145 (U.S.); 1-851-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

Classification for the undiluted product
This product is not classified as hazardous according to OSHA 29CFR 1910.1200 (HazCom 2012-GHS) and current Canadian Controlled Products Regulations (CPR).

Precautionary Statements

Health hazards not otherwise classified (HHNOC) - Not applicable  
Physical hazards not otherwise classified (PHNOC) - Not applicable

Classification for the diluted product @ RTU
This product is intended to be used neat.

Precautionary Statements:
See undiluted product information above.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Classified Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>3% - &lt; 5%</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>&gt; 0.1% - &lt; 1%</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>&gt; 0.1% - &lt; 1%</td>
</tr>
</tbody>
</table>

Oxivir Tb (US)
4. FIRST AID MEASURES

Undiluted Product:

**Eyes:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.
**Skin:** Rinse with plenty of water. If irritation occurs and persists, get medical attention.
**Inhalation:** No specific first aid measures are required.
**Ingestion:** Rinse mouth with water.

**Most Important Symptoms/Effects:** No information available.
**Immediate medical attention and special treatment needed:** Not applicable.
**Aggravated Medical Conditions:** None known.

Diluted Product:

This product is intended to be used neat.

**Eyes:** See undiluted product information above.
**Skin:** See undiluted product information above.
**Inhalation:** See undiluted product information above.
**Ingestion:** See undiluted product information above.

5. FIRE-FIGHTING MEASURES

**Specific methods:** No special methods required.
**Suitable extinguishing media:** The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
**Specific hazards:** Not applicable.

**Special protective equipment for firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**Extinguishing media which must not be used for safety reasons:** No information available.

6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Not applicable.
**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. Use appropriate containment to avoid environmental contamination.

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

**Handling:** Handle in accordance with good industrial hygiene and safety practice. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place.

**Aerosol Level (if applicable):** Not applicable

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines:**

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>ACGIH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>2 mg/m³ (Ceiling)</td>
<td>-</td>
</tr>
<tr>
<td>Dodecybenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Undiluted Product:

**Engineering measures to reduce exposure:**
No special ventilation requirements

**Personal Protective Equipment**

**Eye protection:** No special requirements under normal use conditions.

**Hand protection:** No special requirements under normal use conditions.

Oxitriv Tb (US)
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Diluted Product:
This product is intended to be used neat.

Personal Protective Equipment
Eye protection: No personal protective equipment required under normal use conditions.
Hand protection: No personal protective equipment required under normal use conditions.
Skin and body protection: No personal protective equipment required under normal use conditions.
Respiratory protection: No personal protective equipment required under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid
Evaporation Rate: No information available
Odor threshold: No information available
Melting point/range: Not determined
Autoignition temperature: No information available
Solubility in other solvents: No information available
Density: 8.42 /isgal 1.01 Kg/L
Bulk density: No information available
Flash point: > 200 oF > 93.3 oC

Viscosity: No information available
Vapor pressure: No information available.
Partition coefficient (n-octanol/water): No information available

Vapor density: No information available
Decomposition temperature: Not determined
Relative Density (relative to water): 1.01
VOC: 0.0 % *

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Reactivity: Not Applicable
Stability: The product is stable
Hazardous decomposition products: None reasonably foreseeable.
Materials to avoid: Do not mix with any other product or chemical unless specified in the use directions.
Conditions to avoid: No information available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:
Eye contact, Skin contact, Inhalation, Ingestion

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure
Skin contact: Unlikely to be irritant in normal use.
Eye contact: Unlikely to be irritant in normal use.
Ingestion: No information available.
Inhalation: No information available.
Sensitization: No known effects.

Numerical measures of toxicity
ATE - Oral (mg/kg): >5000
ATE - Dermal (mg/kg): >6000
ATE - Inhalatory, mists (mg/l): >20

12. ECOLOGICAL INFORMATION

Oxivir Tb (US)
Ecotoxicity: No information available.

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Contaminated Packaging: Do not re-use empty containers.

RCRA Hazard Class (undiluted product): Not Regulated

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, only available through Internet Explorer, http://haextranet.diversey.com/dot/, for up to date shipping information.

DOT (Ground) Bill of Lading Description: DISINFECTANTS

IMDG (Ocean) Bill of Lading Description: DISINFECTANTS

15. REGULATORY INFORMATION

International Inventories at CAS# Level
All components of this product are listed on the following inventories: U.S.A. (TSCA).

U.S. Regulations
EPA Reg. No.: 70627-56
This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

ENVIRONMENTAL HAZARDS: This product is toxic to birds, fish and aquatic invertebrates. Caution should be used when applying indoors because pets may be at risk.

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

RIGHT TO KNOW (RTK)

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RIRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzyl alcohol</td>
<td>100-51-6</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Citric acid</td>
<td>77-92-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Dodecybenzene sulfonic acid</td>
<td>68584-22-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

CERCLA/SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>&gt; 0.1% - &lt; 1%</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>&gt; 0.1% - &lt; 1%</td>
<td>5000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium hydroxide</td>
<td>1310-58-3</td>
<td>&gt; 0.1% - &lt; 1%</td>
<td>1000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

Immediate: -
Delayed: -
Fire: -
Reactivity: -

Oxivir Tb (US) 4 of 5
Sudden Release of Pressure:  

Canadian Regulations:  
WHMIS hazard class: Not for sale in Canada.

<table>
<thead>
<tr>
<th>16. OTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NFPA (National Fire Protection Association)</strong></td>
</tr>
<tr>
<td>Rating Scale: (Low Hazard) 0 - 4 (Extreme Hazard)</td>
</tr>
<tr>
<td>Health 0</td>
</tr>
<tr>
<td>Flammability 0</td>
</tr>
<tr>
<td>Instability 0</td>
</tr>
<tr>
<td>Version Number: 2</td>
</tr>
<tr>
<td>Preparation date: 2015-03-04</td>
</tr>
<tr>
<td>Reason for revision: Not applicable</td>
</tr>
<tr>
<td>Prepared by: NAPRAC</td>
</tr>
<tr>
<td>Additional advice: * Contains an added fragrance, see &quot;Odor&quot; heading in section 9 for specific description</td>
</tr>
</tbody>
</table>

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.
SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER
- ITEM NUMBER(S): 1030090, 1030094
- PRODUCT NAME: 1030090 – 1 QT: DBBC Disinfectant Bathroom & Bowl Cleaner
  1030094 – 1 GL: DBBC Disinfectant Bathroom & Bowl Cleaner

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE
- RECOMMENDED USE: Disinfection of surfaces, equipment.
- IDENTIFIED USERS: For sale to, use and storage by service persons only.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET
- MANUFACTURER/ SUPPLIER: Waxie’s Enterprises, Inc.
- ADDRESS: PO Box 23506, San Diego, CA 92123
- BUSINESS PHONE: 1-800-995-4466
- EMERGENCY PHONE: 1-800-255-3924 (CHEMTEL; 24 hours)

1.4 OTHER PERTINENT INFORMATION
- EPA registration #8155-5-14994.

SECTION 2: HAZARD IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE
OSHA/HCS Status
Classification of the Substance or Mixture: Acute Toxicity, Oral (Category 4), Skin corrosion (Category 2); Serious eye damage (Category 2A); Acute aquatic toxicity (Category 3)

2.2 LABEL ELEMENTS (suggested):
Hazard Pictograms

⚠️

Signal Word: WARNING.

Hazard Statements: Harmful if swallowed. Causes skin and serious eye irritation. Harmful to aquatic life.

Precautionary Statements
Prevention: Keep out of reach of children.
Wash hands thoroughly after use.
Do not eat, drink, or smoke when using this product.
Wear eye protection/face protection/protective clothing/protective gloves.
Avoid release into the environment.
Collect spillage.
SECTION 2: HAZARD IDENTIFICATION (Continued)

Response

IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists, see a physician.

IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

Storage

None specified. See section 7 for details.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 OTHER PERTINENT HAZARDS NOT OTHERWISE CLASSIFIED

- OTHER POTENTIAL HEALTH EFFECTS: May cause severe irritation of the respiratory tract if mists/sprays are inhaled. Ingestion of large quantities may cause irritation, ulceration, nausea, and vomiting.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES/MIXTURES

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>CAS NUMBER</th>
<th>GHS HAZARD CLASSIFICATION FOR CHEMICAL</th>
<th>% (w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quaternary ammonium compounds, benzyl-C12-16-alkyl(dimethyl, chlorides</td>
<td>68424-85-1</td>
<td>Acute toxicity, Oral (Category 4); Skin corrosion (Category 1B); Serious eye damage (Category 1)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>1-Decanaminium, N,N-Dimethyl-N-octyl-, chloride</td>
<td>32426-11-2</td>
<td>Acute toxicity, Oral (Category 4); Skin corrosion (Category 1B); Serious eye damage (Category 1)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>1-Octanaminium, N,N-Dimethyl-N-octyl-, chloride</td>
<td>5538-94-3</td>
<td>Acute toxicity, Oral (Category 4); Skin corrosion (Category 1B)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>1-Decanaminium, N-Decyl-N,N-dimethyl-, chloride</td>
<td>7173-51-5</td>
<td>Acute toxicity, Oral (Category 3); Skin corrosion (Category 1B); Serious eye damage (Category 1); Acute aquatic toxicity (Category 1); Chronic aquatic toxicity (Category 2)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>64-17-5</td>
<td>Flammable liquids (Category 2)</td>
<td>Proprietary</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>Not applicable.</td>
<td>Balance</td>
</tr>
</tbody>
</table>

SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

AREA EXPOSED

Eye Contact
Flush with copious amounts of water for 15 minutes. “Roll” eyes during flush. Check for and remove contact lenses. Seek medical attention if irritation persists.

Skin Contact
Flush area with warm, running water for several minutes. Seek medical attention if irritation persists.

Inhalation
Obtain fresh air.

Ingestion
If conscious only: Rinse mouth with water. Drink several cups of water. Do not induce vomiting. Contact a Poison Control Center or physician for instructions.

1 The exact percentage of composition has been withheld as a trade secret. All relevant physical and health hazards have been declared, in accordance with regulatory requirements.

DBBC Disinfectant Bathroom & Bowl Cleaner
WAXIE Sanitary Supply
Page 2 of 9
SAFETY DATA SHEET
January 16, 2015
SECTION 4: FIRST AID MEASURES (Continued)

4.2 MOST IMPORTANT ACUTE AND CHRONIC EXPOSURE SYMPTOMS

- ACUTE HEALTH EFFECTS:
  AREA EXPOSED
  Eye Contact Causes serious eye irritation.
  Skin Contact Causes mild to moderate skin irritation, depending on duration of contact.
  Inhalation May cause mild respiratory tract irritation; symptoms may include coughing and sneezing depending on volume of mist/spray inhaled.
  Ingestion May cause gastrointestinal system irritation; symptoms may include pain, sore throat, nausea and vomiting if large volumes are ingested.

- CHRONIC HEALTH EFFECTS: Not applicable.
- TARGET ORGANS: Skin eyes.
- GENERAL INFORMATION: For all exposures: In case of accident, or if you feel unwell, seek medical advice immediately. Take this document and a copy of the label to the healthcare professional.
- RECOMMENDATIONS TO PHYSICIANS: Treat symptomatically.
- MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None reported.

SECTION 5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA
- UNSUITABLE FIRE EXTINGUISHING MEDIA: None known.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE
- NFPA FLAMMABILITY CLASSIFICATION:
  NFPA Rating
  NFPA Classification Not flammable.
- UNUSUAL HAZARDS IN FIRE SITUATIONS:
  Decomposition Products Carbon dioxide, carbon monoxide, chlorine and nitrogen compounds, and irritating vapors.
  Explosion Sensitivity to Mechanical Impact Not applicable.
  Explosion Sensitivity to Static Discharge Not applicable.

5.3 ADVICE FOR FIREFIGHTERS
- Self-Contained Breathing Apparatus and full protective equipment for fire response should be worn in any situation. Move containers from fire area if it can be done without risk to personnel. Otherwise, use water spray to keep fire-exposed containers cool. Because this is product is a cleaning solution, any equipment that comes in contact with this solution can be rinsed thoroughly with water and then returned to service.
SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

- RESPONSE TO INCIDENTAL RELEASES: Personnel who have received basic chemical safety training can generally handle small-scale releases. Gloves and safety glasses must be worn when cleaning-up spills. Use caution during clean-up; contaminated floors and items may be slippery.

- RESPONSE TO NON-INCIDENTAL RELEASES: Generally, releases of this product will be no larger than the loss of one shipment of material (therefore, 4 gallons or less). Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incident chemical releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel.

- RESPONSE PROCEDURES FOR ANY RELEASE: Absorb spilled liquid with poly pads or other suitable absorbent materials. Rinse area thoroughly. Because this product is a disinfectant, all items that come in contact with the solution can be returned to service after rinsing.

6.2 ENVIRONMENTAL PRECAUTIONS

- Avoid response actions that can cause a release of a significant amount of product (more than 4 gallons) into the environment. Avoid accidental dispersal of spilled material into soil, waterways and sewers.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

- SPILL RESPONSE EQUIPMENT: Poly pad or other absorbent material.

6.4 REFERENCES TO OTHER SECTIONS

- SECTION 8: For exposure levels and detailed personal protective equipment recommendations.
- SECTION 13: For waste handling guidelines.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Hygiene Practices Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics in the chemical use area. Avoid inhalation of mists and sprays. Use in well-ventilated area. Avoid contact with eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.

Handling Practices Employees must be appropriately trained to use this product safely as needed. Keep containers closed when not in use.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Practices Ensure all containers are correctly labeled. Store containers away from direct sunlight, sources of intense heat, or where freezing is possible. Store this product away from incompatible chemicals. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Empty containers may contain residual liquid; therefore, empty containers should be handled with care.

Incompatibilities See Section 10 (Stability and Reactivity).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

- AIRBORNE EXPOSURE LIMITS:

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ACGIH TLV (ppm)</th>
<th>OSHA PEL (ppm)</th>
<th>NIOSH REL (ppm)</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl Alcohol</td>
<td>1000 ppm (STEL)</td>
<td>1000 ppm</td>
<td>1000 ppm</td>
<td>NE</td>
</tr>
</tbody>
</table>

- BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS: Not established.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

8.2 EXPOSURE CONTROLS

Engineering Controls Use in well-ventilated environment.
Respiratory Protection None needed in normal circumstances of use.
Hand Protection Neoprene, PVC, or butyl gloves are recommended. Ensure gloves are intact prior to use.
Eye Protection Safety glasses.
Body Protection Standard protection used in janitorial service.

8.3 PERSONAL PROTECTION SYMBOLS

Hand Protection
Eye Protection

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance Green liquid.
Odor Floral, pleasant.
Odor Threshold Not determined.
pH 8-10
Melting Point/Freezing Point Approx. 0°C (32 °F).
Initial Boiling Point/Boiling Range 99°C (210 °F).
Flash Point Not applicable.
Evaporation Rate (Water = 1) Approx. 1.0.
Flammability Not applicable.
Upper/Lower Explosive Limits Not applicable.
Vapor Pressure Not determined.
Vapor Density Not determined.
Relative Density Approx. 1.0.
Solubility Completely soluble in water.
Partition Coefficient/in-octanol/water Not determined.
Autoignition Temperature Not applicable.
Decomposition Temperature Not determined.
Viscosity Not determined.

9.2 OTHER INFORMATION

- VOC Information: Not applicable.
- VOC (less water & exempt): 0.1 g/L.
- WEIGHT% VOC: < 0.01%.

SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.
SECTION 10: STABILITY AND REACTIVITY (Continued)

10.3 POSSIBILITY OF HAZARDOUS REACTIONS
- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID
- Avoid contact with incompatible chemicals.

10.5 INCOMPATIBLE MATERIALS
- Strong oxidizing agents, reducing agents, strong acids, strong bases, aluminum, soft metals, water reactive materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS
- Products of thermal decomposition of this product include oxides of carbon (i.e., carbon monoxide and carbon dioxide), as well as chlorine and nitrogen compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS
- ACUTE TOXICITY:
  o TOXICOLOGY DATA: The following data are available for components of this product.

<table>
<thead>
<tr>
<th>QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C12-16-ALKYDIMETHYL CHLORIDES</th>
<th>1-DECANAMINIUM, N-DECYL-N.N-DIMETHYL- CHLORIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 (oral, rat) = 426 mg/kg</td>
<td>LD50 (oral, rat) = 84 mg/kg</td>
</tr>
<tr>
<td>ETHANOL</td>
<td>LD50 (dermal, rat) &gt; 2000 mg/kg</td>
</tr>
<tr>
<td>LD50 (oral, rat) = 7060 mg/kg</td>
<td>LC50 (inhalation, rat) = 20,000 mg/kg – 10 hours</td>
</tr>
</tbody>
</table>

  o DEGREE OF IRRITATION: May be irritating to the eyes. See Section 4 (First Aid Measures) for more details. The following data are available for components of this product:

<table>
<thead>
<tr>
<th>1-DECANAMINIUM, N-DECYL-N.N-DIMETHYL- CHLORIDE</th>
<th>ETHYL ALCOHOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin, Rabbit = Corrosive, 1 hour</td>
<td>Skin, Rabbit = No irritation/24 hours</td>
</tr>
<tr>
<td>Eyes, Rabbit = Mild irritation/24 hours</td>
<td></td>
</tr>
</tbody>
</table>

  o SENSITIZATION: The components of this product are not reported to have skin or respiratory sensitization effects.

  o REVIEW OF ACUTE SYMPTOMS AND EFFECTS BY ROUTE OF EXPOSURE: See Section 2 (Hazards Information) and Section 4 (First-Aid Measures) for additional details.

<table>
<thead>
<tr>
<th>Eyes</th>
<th>Skin</th>
<th>Inhalation</th>
<th>Ingestion</th>
</tr>
</thead>
</table>
|Very irritating the eyes.|Mildly to moderately irritating, depending on duration of exposure.|May cause mild respiratory tract irritation if mists are inhaled.|Causes gastrointestinal system irritation and other adverse effects.

  o CHRONIC TOXICITY:

  o CARCINOGENICITY STATUS: Not applicable.

  o REPRODUCTIVE TOXICITY INFORMATION: The components of this product are not reported to cause reproductive effects under typical circumstances of exposure.

  o MUTAGENIC EFFECTS: The components of this product are not reported to cause mutagenic effects under typical circumstances of exposure.

  o SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE: Not applicable.

  o SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE: Not applicable.

  o ASPIRATION HAZARD: Not applicable.
SECTION 11: TOXICOLOGICAL INFORMATION (Continued)

- OTHER INFORMATION:
  - TOXICOLOGICALLY SYNERGISTIC PRODUCTS: None known.
  - ADDITIONAL TOXICOLOGY: Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

- Based on available data, this product may be harmful or fatal to contaminated terrestrial or aquatic plants or animals, depending on the volume released into the environment.
- The following aquatic toxicity data are available for components of this product.

<table>
<thead>
<tr>
<th>QUATERNARY AMMONIUM COMPOUNDS</th>
<th>1-DECANAMININUM, N-DECYLN,N,N-DIMETHYL-, CHLORIDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZYL-C12-16-ALKYLDIMETHYL, CHLORIDES</td>
<td>LC50 (Brachydanio rerio): 0.49 mg/L - 96 hours</td>
</tr>
<tr>
<td>LC50 (Morone saxatilis): fry, 14100. ppm/L/96 hours</td>
<td>EC50 (Daphnia magna): 0.094 mg/L - 48 hours</td>
</tr>
</tbody>
</table>

12.2 PERSISTENCE AND DEGRADABILITY

- When released into the soil, the components of this product are expected to biodegrade, dissipate in soils via oxidation, or otherwise chemically degrade or photo-decompose via solar radiation. The following data are available for components of this product:
  - 1-DECANAMININUM, N-DECYLN,N,N-DIMETHYL-, CHLORIDE: Aerobic - Exposure time 28 days; Result: 69 % - Readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

- This product is not anticipated to bioaccumulate significantly.

12.4 MOBILITY IN SOIL

- It expected this product will have some mobility in soil.

12.5 OTHER ADVERSE EFFECTS

- None reported.

SECTION 13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS

- Dispose of in accordance with local, State and Federal regulations.

13.2 DISPOSAL CONSIDERATIONS

- EPA RCRA WASTE CODE: Not applicable.

SECTION 14: TRANSPORT INFORMATION

14.1 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

- DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS SHIPPING REGULATIONS:

<table>
<thead>
<tr>
<th>UN/NA Number</th>
<th>Proper Shipping Name</th>
<th>Packing Group</th>
<th>Hazard Class</th>
<th>Label</th>
<th>North American Emergency Response Guide #</th>
<th>Marine Pollutant Status</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- NOT APPLICABLE

- IATA DESIGNATION: This product is not regulated as dangerous goods by the International Air Transport Association.

- IMO DESIGNATION: This product is not regulated as dangerous goods by the International Maritime Organization.
SECTION 14: TRANSPORT INFORMATION (Continued)

14.2 ENVIRONMENTAL HAZARDS
   • None described, as related to transportation.

14.3 SPECIAL PRECAUTIONS FOR USERS
   • Not applicable.

14.4 TRANSPORT IN BULK
   • Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT
   • OTHER IMPORTANT U.S. REGULATIONS
     ○ U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21): ACUTE: Yes;
       CHRONIC: No; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No
     ○ U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.
     ○ U.S. TSCA INVENTORY STATUS: All components of this product are listed on the TSCA
       Inventory.
     ○ CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS: Not applicable.
   • INTERNATIONAL REGULATIONS
     ○ CANADIAN REGULATORY STATUS: The product is classified as hazardous under Canadian
       Controlled Products regulations (SOR-88-66).
       ▪ It is classified as D2B -Materials Causing Other Toxic Effects. See symbol to
         right.
       ▪ This SDS contains all the information required by the CPR.
     ○ CANADIAN DSL/NDSL INVENTORY STATUS: The listed components of this product are on
       the DSL/NDSL Inventory.
     ○ CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES
       LISTS: The components of this product are not on the CEPA Priorities Substances Lists.
     ○ GERMAN WATER HAZARD CLASSIFICATION: 1 (low hazard to waters).

SECTION 16: OTHER INFORMATION

16.1 INDICATION OF CHANGE
   • DATE OF REVISION: January 16, 2015
   • SUPERCEDES: October 27, 2014

16.2 KEY LITERATURE REFERENCES AND SOURCES FOR DATA
   • SAFETY DATA SHEETS FOR COMPONENT PRODUCTS.
   • SAX – Dangerous Properties of Industrial Materials
   • RTECS – Registry of Effects of Toxic Chemicals
   • ESIS – European chemical Substances Information System http://esis.jrc.ec.europa.eu/

16.3 HAZARDOUS MATERIALS CLASSIFICATION SYSTEM

<table>
<thead>
<tr>
<th>Product as SOLD</th>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Protective Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

HMS Personal Protective Equipment Rating: Occupational Use situations: B - Safety
  glasses and gloves.
SECTION 16: OTHER INFORMATION (Continued)

16.4 DISCLAIMER

WAXIE Sanitary Supply makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by WAXIE Sanitary Supply as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor does WAXIE Sanitary Supply assume any liability arising out of the use by others of this product referred to herein. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. WAXIE Sanitary Supply does not recommend blending this product with any other chemicals. All information, recommendations and data contained herein concerning this product are based upon information available at the time of writing from recognized technical sources.

16.5 ABBREVIATIONS AND ACRONYMS


SECTION 2: CAS Number: Chemical Abstract Service Number, which is used by the American chemical society to uniquely identify a chemical.

SECTION 5: NFPA: National Fire Protection Association. NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (FLP) and boiling point (BP) to classify flammable or combustible liquids. Class IA: FLP. below 73°F and BP below 100°F. Class IIB: FLP. below 73°F and BP at or above 100°F. Class IIC: FLP. at or above 73°F and BP at or above 100°F. Class II: FLP. at or above 100°F and below 140°F. Class IIIA: FLP. at or above 140°F and below 200°F. Class IIIB: FLP. at or above 200°F. NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.

SECTION 8: NE: Not established. AGSH: American Conference of Governmental Industrial Hygienists. TWA: Time-Weighted Average (over an 8-hour work day). STEL: Short-Term Exposure Limit (15 minute average, no more than 4 times daily and each exposure separated by one-hour minimally). C: Ceiling Limit (concentration not to be exceeded in a work environment). PEL: Permissible Exposure Limit. NIOSH: National Institute of Occupational Safety and Health. REL: Recommended Exposure Limit. IDLH: Immediately Dangerous to Life and Health Concentrations. Note: In July 1992, a court ruling vacated the more protective PELs set by OSHA in 1989. Because OSHA may enforce the more protective limits under the "general duty clause", both the current and vacated levels are presented in this document.

SECTION 9: pH: Scale (0 to 14) used to rate the acidity or alkalinity of aqueous solutions. For example, a pH value of 0 indicates a strongly acidic solution, pH of 7 indicates a neutral solution, and a pH value of 14 indicates an extremely basic solution. flash point: Temperature at which a liquid generates enough flammable vapors so that ignition may occur. autoignition temperature: Temperature at which spontaneous ignition occurs.

SECTION 9 (Continued): LOWER EXPLOSIVE LIMIT (LEL): The minimal concentration of flammable vapors in air which will sustain ignition. UPPER EXPLOSIVE LIMIT (UEL): The maximum concentration of flammable vapors in air which will sustain ignition. VOC: Volatile Organic Compound.

SECTION 11: CARCINOGENICITY STATUS: NTP: National Toxicology Program. AIC: International Agency for Research on Cancer. REPRODUCTIVE TOXICITY INFORMATION: Mutagen: Substance capable of causing chromosomal damage to cells. Embryotoxin: Substance capable of damaging the developing embryo in an overexposed female. Teratogen: Substance capable of damaging the developing fetus in an overexposed female. Reproductive toxin: Substance capable of adversely affecting male or female reproductive organs or functions. TOXICOLOGY DATA: LD50: Lethal Dose or Lethal Concentration of a substance which will be fatal to a given percentage (x%) of exposed test animals by the designate route of administration. This value is used to access the toxicity of chemicals substances to humans. TDC: Toxic Dose or Toxic Concentration of a substance which will cause an adverse effect to a given percentage (x%) of exposed test animals by the designate route of administration.

SECTION 12: EC50: Effect Concentration (on 50% of study group): BOD: Biological Oxygen Demand: NLGOC: No/Lowest Observable Effect Concentration.

SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this act under Act are found in 40 CFR, Sections 260 ff, and define the requirements of hazardous waste generation, transport, treatment, storage, and disposal. EPA RCRA Waste Codes: Defined in 40 CFR Section 261.

SECTION 15: CERCLA: Comprehensive Environmental Response, Compensation and Liability Act (c.f.a. “Superfund”) and SARA: (Superfund Amendments and Reauthorization Act). The regulations promulgated under this Act are located under 40 CFR 300 ff and provide "community right-to-know" requirements. TSCA: Toxic Substances Control Act: Rules regulating the manufacture and sale of chemicals found in 40 CFR 760-766. DSL/NDSL: Canadian Domestic Substances and Non-Domestic Substances Lists.

SECTION 16: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATING: This is a rating system used by industry to summarize physical and health hazards to chemical users and was originally developed by the National Paint and Coating Association. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard.
Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER
Address: PO Box 386, Brookvale, NSW, AUSTRALIA, 2100
Telephone: +61 2 9938 1800
Emergency: +61 2 9938 1036
Fax: +61 2 9905 0979
Web Site: www.sosafe.com.au
Supplier Name: SO SAFE SPECIALTY PRODUCTS PTY LTD
PRODUCT NAME: BLUE GRAFFITI REMOVER FOR DIFFICULT SURFACES (EU)
Use(s): GRAFFITI REMOVER
Synonym(s): SO SAFE GRAFFITI REMOVER - BLUE LABEL GRAFFITI REMOVER
MDSD Date: 1 January 2019

2. HAZARDS IDENTIFICATION
RISK PHRASES: R36/38 Irritating to eyes and skin.
SAFETY PHRASES: S41 in case of fire and/or explosion, do not breathe fumes.
UN No.: None Allocated
Pkg Group: None Allocated
DG Class: None Allocated
DANGEROUS ACCORDING TO DIRECTIVE 1999/45/EC

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>EINECS</th>
<th>CAS No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-METHYL-2-PYRROLIDINONE</td>
<td>212-828-1</td>
<td>872-50-4</td>
<td>&gt;60%</td>
<td>Xi;R36/38</td>
</tr>
<tr>
<td>NON HAZARDOUS INGREDIENTS</td>
<td>Not Available</td>
<td></td>
<td>&lt;10%</td>
<td>None</td>
</tr>
<tr>
<td>SURFACTANT</td>
<td>Not Available</td>
<td></td>
<td>&lt;10%</td>
<td>None</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poison Information Centre or a doctor, or for at least 15 minutes.
Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.
Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
Ingestion: For advice, contact a Poisons Information Centre or a doctor (at once). If swallowed, do not induce vomiting.
Advice to Doctor: Treat symptomatically.
First Aid Facilities: Eye wash facilities should be available.

5. FIRE FIGHTING MEASURES
Fire and Explosion: Evacuate area and contact emergency services. Toxic gases (hydrocarbons, carbon oxides, nitrogen oxides) may be evolved. Remain upwind and notify those downwind of potential hazard. Wear full protective equipment (see spill) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.
Extinguishing: Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways, absorb runoff with sand or similar.
Flammability: May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons) when heated to decomposition.

6. ACCIDENTAL RELEASE MEASURES
Hazchem Code: None Allocated
Spillage: If spill (bulk), collect and reuse where possible. Wear splash-proof goggles, PVC/rubber gloves, coveralls or protective clothing and boots. Where an inhalation risk exists, wear a Type A (Organic vapour) respirator. Prevent spill entering drains or waterways. Absorb with sand or similar and place in sealable containers for disposal.
7. STORAGE AND HANDLING

Handling
Store in cool, dry, well ventilated area, out of direct sunlight and out of reach of children, removed from oxidising agents, acids and alkalis, direct sunlight, heat and ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

Storage
Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Stds 1-METHYL-2-PYRROLIDINONE
ES-STEEL: 75 ppm (309 mg/m3) 1-Methyl-2-pyrrolidone
ES-TWA: 25 ppm (103 mg/m3) 1-Methyl-2-pyrrolidone
WES-TWA: 25 ppm (103 mg/m3)

Engineering Controls
Use with adequate natural ventilation. Open windows and doors where possible. In poorly ventilated areas, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

PPE
Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>CLEAR LIQUID</td>
</tr>
<tr>
<td>Odour Mild Citrus Odour</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Vapour Density &gt; 1 (Air = 1)</td>
<td></td>
</tr>
<tr>
<td>Boiling Point 185°C</td>
<td></td>
</tr>
<tr>
<td>Melting Point NOT AVAILABLE</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate NOT AVAILABLE</td>
<td></td>
</tr>
<tr>
<td>Solubility (water)</td>
<td>SOLUBLE</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.0 to 1.1</td>
</tr>
<tr>
<td>Volatiles 95% (Approximately)</td>
<td></td>
</tr>
<tr>
<td>Flammability</td>
<td>Not Flammable</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 95°C</td>
</tr>
<tr>
<td>Upper Explosion Limit</td>
<td>9.5 %</td>
</tr>
<tr>
<td>Lower Explosion Limit</td>
<td>1.3 %</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>NOT AVAILABLE</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Chemical Stability
Stable under recommended conditions of storage.

Conditions to Avoid
Avoid heat, sparks, open flames and other ignition sources.

Material to Avoid
Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. sulphuric acid), alkalis (eg. hydroxides), heat and ignition sources. The manufacturer reports that this product is hygroscopic (readily absorbs moisture in any form).

Decomposition
May evolve toxic gases (carbon/ nitrogen oxides, hydrocarbons) when heated to decomposition.

Hazardous Reactions
Hazardous polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary
Low to moderate toxicity - Irritant. This product has the potential to cause eye and skin irritation and headaches with over exposure. Experimental reproductive effects have been reported.

Eye
Irritant. Contact may result in irritation, lacrimation, pain, redness and conjunctivitis. Prolonged contact may result in corneal burns and possible permanent damage.

Inhalation
Irritant. Over exposure may cause respiratory tract irritation and headache. High levels may cause pulmonary oedema.

Skin
Irritant. Contact may result in irritation, redness, rash and dermatitis.

Ingestion
Low to moderate toxicity. Ingestion may result in gastrointestinal irritation, nausea, vomiting, abdominal pain and diarrhoea.
Toxicity Data 1-METHYL-2-PYRROLIDINONE (872-50-4)  
LD50 (Ingestion): 3914 mg/kg (rat)  
LD50 (Skin): 8000 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION
Environment Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

13. DISPOSAL CONSIDERATIONS
Waste Disposal For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved. Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

Legislation Dispose of in accordance with relevant local legislation.

14. TRANSPORT INFORMATION
Not regulated for transport purposes

<table>
<thead>
<tr>
<th>Shipping Name</th>
<th>None Allocated</th>
<th>Hazchem Code</th>
<th>None Allocated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN No.</td>
<td>None Allocated</td>
<td>Subsidiary Risk(s)</td>
<td>None Allocated</td>
</tr>
<tr>
<td>Pkg Group</td>
<td>None Allocated</td>
<td>EPG</td>
<td>None Allocated</td>
</tr>
<tr>
<td>DG Class</td>
<td>None Allocated</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION
LABELLING: Xi: Irritant

HAZARD SYMBOLS:  

RISK PHRASES: R36/38: Irritating to eyes and skin
SAFETY PHRASES: S41: In case of fire and/or explosion do not breathe fumes

16. OTHER INFORMATION

Additional Information

ABBREVIATIONS:  
ADB - Air-Dry Basis.  
BEI - Biological Exposure Indice(s)  
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.  
CNS - Central Nervous System.  
IARC - International Agency for Research on Cancer.  
M - moles per litre, a unit of concentration.  
mg/m3 - Milligrams per cubic metre.  
NOS - Not Otherwise Specified.

Report Status This document is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from So Safe.

End of Report
Great Value - Less Time

In comparison to Oil Modified Urethane finish, EZ Gym Coat N Seal is more durable and dries in less time.

Benefits of EZ Gym Coat N Seal

- Single Component Water-Based Finish
- Great Value
- Both a Sealer & Top Coat
- Color and Gloss close to an OMU
- 275 VOC
- No Burnishing Required!
- Water Clean Up and Recoat in Less Time

Step 1 - Prep the Floor
- Run diluted PK Cleaner™ through the auto-scrubber. Use monosoy pads or screen with 120 grit screens.

Step 2 - Neutralize
- Run diluted GT Cleaner through the auto-scrubber. Use monosoy pads or screen with 120 grit screens.

Step 3 - Apply Finish
- Use a T-Bar applicator to apply EZ Gym Coat N Seal.
- 2 coats may be needed to hide abrasion marks.

Wear Resistance Comparison

Sport Kote® is a registered trade mark of Essential Industries, Inc.
Finishes were tested in accordance with ASTM Designation: D 4660-01

For More Information, Contact:
SAFETY DATA SHEET
EZ Plus Gym Coat N Seal

Section 1. Identification

GHS product identifier : EZ Plus Gym Coat N Seal
Other means of identification : Not available.
Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against
Not applicable.

Supplier’s details : Betco Corporation
1001 Brown Avenue
Toledo, OH 43607
www.betco.com
888-462-3826

Emergency telephone number (with hours of operation) : Chemtrec 800-424-9300 (24 Hour)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture : SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2

GHS label elements
Hazard pictograms : ⚠️

Signal word : Warning
Hazard statements : Causes serious eye irritation.
Precautionary statements
Prevention : Wear eye or face protection: Recommended: safety glasses. Wash hands thoroughly after handling.
Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Storage : Not applicable.
Disposal : Not applicable.
Hazard not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture
Other means of identification : Not available.

CAS number/other identifiers
CAS number : Not applicable.
Section 3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urethane Polymer</td>
<td>≥0.0 - &lt;25</td>
<td>8440P</td>
</tr>
<tr>
<td>N-methyl-2-pyrrolidone</td>
<td>≥3 - &lt;5</td>
<td>872-50-4</td>
</tr>
<tr>
<td>tris(2-butoxyethyl) phosphate</td>
<td>≥1 - &lt;3</td>
<td>78-51-3</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion: Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact: Causes serious eye irritation.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact: Adverse symptoms may include the following:
- pain or irritation
- watering
- redness

Inhalation: No specific data.

Skin contact: No specific data.

Ingestion: No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

In case of inhalation of decomposition products in a fire, symptoms may be delayed.
Section 4. First aid measures

Specific treatments: No specific treatment.
Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

Specific hazards arising from the chemical

Hazardous thermal decomposition products: In a fire or if heated, a pressure increase will occur and the container may burst.
Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
phosphorus oxides

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
Section 7. Handling and storage

Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8). Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residua and can be hazardous. Do not reuse container.

Advice on general occupational hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone</td>
<td>AIHA WEEL (United States, 10/2011). Absorbed through skin. TWA: 10 ppm 8 hours.</td>
</tr>
</tbody>
</table>

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. Recommended: safety glasses

Skin protection

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. < 1 hour (breakthrough time): disposable vinyl

Body protection: Personal protective equipment for the body should be selected based on the task being
Section 8. Exposure controls/personal protection

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Personal protective equipment (Pictograms)

Section 9. Physical and chemical properties

Appearance
Physical state: Liquid.
Color: Tan.
Odor: Characteristic.
Odor threshold: Not available.
pH: 7.5 to 8.5
Melting point: Not available.
Boiling point: Not available.
Flash point: Closed cup: >150°C (>302°F) [Product does not sustain combustion.]
Evaporation rate: Not available.
Flammability (solid, gas): Not available.
Lower and upper explosive (flammable) limits: Not available.
Vapor pressure: Not available.
Vapor density: Not available.
Relative density: 1.04656
Solubility: Partially soluble in the following materials: cold water.
Partition coefficient: n-octanol/water: Not available.
Auto-ignition temperature: Not available.
Decomposition temperature: Not available.
Viscosity: Not available.

Section 10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: No specific data.

Incompatible materials: No specific data.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone</td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>8 g/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3914 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>tris(2-butoxyethyl) phosphate</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>3 g/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Irritation/Corrosion

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>100 milligrams</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Eyes - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 milligrams</td>
<td>-</td>
</tr>
<tr>
<td>tris(2-butoxyethyl) phosphate</td>
<td>Skin - Mild irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 500 milligrams</td>
<td>-</td>
</tr>
</tbody>
</table>

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure

: Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential acute health effects

Eye contact: Causes serious eye irritation.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: Adverse symptoms may include the following:

- pain or irritation
- watering
- redness

Inhalation: No specific data.

Skin contact: No specific data.
Section 11. Toxicological information

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects
Not available.

General : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

<table>
<thead>
<tr>
<th>Route</th>
<th>ATE value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral</td>
<td>62758.1 mg/kg</td>
</tr>
</tbody>
</table>

Section 12. Ecological information

Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone</td>
<td>Acute LC50 1.23 ppm Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td>tris(2-butoxyethyl) phosphate</td>
<td>Acute LC50 632 ppm Fresh water</td>
<td>Fish - Lepomis macrochirus</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 11200 μg/l Fresh water</td>
<td>Fish - Pimephales promelas</td>
<td>96 hours</td>
</tr>
</tbody>
</table>

Persistence and degradability

Not available.

Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP&lt;sub&gt;ow&lt;/sub&gt;</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidone</td>
<td>-0.46</td>
<td>-</td>
<td>low</td>
</tr>
<tr>
<td>tris(2-butoxyethyl) phosphate</td>
<td>3.75</td>
<td>5.8</td>
<td>low</td>
</tr>
</tbody>
</table>

Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>) : Not available.

Other adverse effects : No known significant effects or critical hazards.
Section 13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and run off and contact with soil, waterways, drains and sewers.

Section 14. Transport information

<table>
<thead>
<tr>
<th>DOT Classification</th>
<th>TDG Classification</th>
<th>Mexico Classification</th>
<th>ADR/RID</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN proper shipping name</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Transport hazard class(es)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Packing group</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Additional information</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Special precautions for user: Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not available.

Section 15. Regulatory information

U.S. Federal regulations: TSCA 5(a)2 final significant new use rules: DPG-DME
TSCA 8(a) PAIR: (2-methoxymethylethoxy)prcopanol; tris(2-butoxyethyl) phosphate; hexamethyldisiloxane
TSCA 8(a) CDR Exempt/Partial exemption: Not determined
TSCA 8(c) calls for record of SAR: tris(2-butoxyethyl) phosphate Not determined.
Clean Water Act (CWA) 311: triethylamine

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed
Clean Air Act Section 602: Not listed
Section 15. Regulatory information

Clean Air Act Section 602 : Not listed

Class II Substances

DEA List I Chemicals (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Immediate (acute) health hazard

Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>% Fire hazard</th>
<th>Sudden release of pressure</th>
<th>Reactive</th>
<th>Immediate (acute) health hazard</th>
<th>Delayed (chronic) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidine</td>
<td>≥3 - &lt;5</td>
<td>Yes.</td>
<td>No.</td>
<td>No.</td>
<td>Yes.</td>
</tr>
<tr>
<td>tris(2-butoxyethyl) phosphate</td>
<td>≥1 - &lt;3</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
</tbody>
</table>

SARA 313

<table>
<thead>
<tr>
<th>Product name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form R - Reporting requirements</td>
<td>N-methyl-2-pyrrolidine</td>
<td>872-50-4</td>
</tr>
<tr>
<td>Supplier notification</td>
<td>N-methyl-2-pyrrolidine</td>
<td>872-50-4</td>
</tr>
</tbody>
</table>

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

State regulations

Massachusetts : The following components are listed: 1-METHYL-2-PYRROLIDONE

New York : None of the components are listed.

New Jersey : The following components are listed: 1-METHYL-2-PYRROLIDONE, 2-PYRROLIDINONE, 1-METHYL-

Pennsylvania : The following components are listed: 2-PYRROLIDINONE, 1-METHYL-

California Prop. 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Cancer</th>
<th>Reproductive</th>
<th>No significant risk level</th>
<th>Maximum acceptable dosage level</th>
</tr>
</thead>
<tbody>
<tr>
<td>N-methyl-2-pyrrolidine</td>
<td>No.</td>
<td>Yes.</td>
<td>No.</td>
<td>3200 μg/day (inhalation)</td>
</tr>
</tbody>
</table>

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol (Annexes A, B, C, E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants
Section 15. Regulatory information

**Rotterdam Convention on Prior Inform Consent (PIC)**
Not listed.

**UNECE Aarhus Protocol on POPs and Heavy Metals**
Not listed.

**International lists**

**National inventory**

<table>
<thead>
<tr>
<th>Country</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Canada</td>
<td>Not determined.</td>
</tr>
<tr>
<td>China</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Europe</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Japan</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Malaysia</td>
<td>Not determined.</td>
</tr>
<tr>
<td>New Zealand</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Philippines</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Republic of Korea</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Taiwan</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

Section 16. Other information

**Hazardous Material Information System (U.S.A.)**

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical hazards</th>
</tr>
</thead>
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</table>

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

**National Fire Protection Association (U.S.A.)**

<table>
<thead>
<tr>
<th>Flammability</th>
<th>Health</th>
<th>Instability/Reactivity</th>
<th>Special</th>
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<tbody>
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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

**Procedure used to derive the classification**

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2, H319</td>
<td>Calculation method</td>
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</table>

**History**
Section 16. Other information

Date of issue/Date of revision : 4/2/2015.
Date of previous issue : No previous validation.
Version : 1
Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
UN = United Nations

References : Not available.

Indicates information that has changed from previously issued version.

Notice to reader
To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.