SAFETY DATA SHEET
May be used to comply with JIS Z 7253:2012. Standards must be consulted for specific requirements.

Revision Date: 2018-12-20

1. IDENTIFICATION
Product Name: Statfree® Dissipative Burnishing Restorer
Identified use: Floor dissipative burnishing restorer
Company Identification: DESCO JAPAN Kabushiki Kaisha
                           661-1 YACHIMATA-HO
                           YACHIMATA-SHI
                           CHIBA-KEN 289-1115 JAPAN
Email Address: Service@DescoAsia.com
Emergency telephone number +81 43-309-4470
Office hours: 8:00 AM - 5:00 PM

2. HAZARDS IDENTIFICATION
GHS Classification
Reproductive Toxicity Category 2

GHS Label elements

Hazard pictograms/Symbols:

Signal word: WARNING
Hazard statements: Suspected of damaging fertility or the unborn child.
Precautionary statements:
Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Response
IF exposed or concerned: Get medical advice/attention.
Storage
Store locked up.
Disposal
Dispose of contents/ container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS
This product is a mixture.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>ENCS number</th>
<th>ISHL number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethylene glycol methyl ether</td>
<td>111-77-3</td>
<td>(2)-422</td>
<td>(2)-422</td>
<td>&lt; 1.0%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
Description of first aid measures

General advice: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.
Inhalation: Remove person to fresh air. If you feel unwell, get medical attention.

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

Eye Contact: Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. Suitable emergency eye wash facility should be immediately available.

Ingestion: Rinse mouth. If you feel unwell, get medical attention.

Most important symptoms and effects, both acute and delayed
Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed
Notes to physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIREFIGHTING MEASURES
Extinguishing media
Suitable Extinguishing Media: The product is non-combustible. Dry chemical, CO2, water spray or regular foam

Unsuitable Extinguishing Methods: None known

Special hazards arising from the substance or mixture
Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds.

Unusual Fire and Explosion Hazards: None known.

Advice for firefighters
Fire Fighting Procedures: Keep people away. Isolate fire and deny unnecessary entry. Contain fire water run-off if possible.

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit. If protective equipment is not available or not used, fight fire from a protected location or safe distance.

6. ACCIDENTAL RELEASE MEASURES
Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Keep people away from and upwind of spill/leak. Material can create slippery conditions.

Environmental precautions
CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods and materials for containment and cleaning up
Spill: Mop up spills immediately. Wet floor may present slip hazard.

7. HANDLING AND STORAGE
Precautions for safe handling
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapors, mist or gas.

Conditions for safe storage, including any incompatibilities
Keep from freezing - product stability may be affected. For commercial and industrial use only.

Storage stability
Storage temperature: 1°C - 49°C (34°F - 120°F)
See SECTION 8, for types of ventilation required.
8. EXPOSURE CONTROL / PERSONAL PROTECTION

Control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS No.</th>
<th>TLV-value</th>
<th>OSHA PEL</th>
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<tr>
<td>Diethylene glycol methyl ether</td>
<td>111-77-3</td>
<td>20 ppm</td>
<td>50 ppm or 240 mg/m³</td>
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</table>

Exposure controls

Technical Control: Use local exhaust, or other technology solutions to keep air levels below given or recommended limit values. If limit values are not present, good general ventilation should be sufficient. Local exhaustion may be required in some operations.

Individual protection measures

Eye/Face Protection
Use chemical safety goggles.

Skin Protection
No precautions other than clean body covering clothing should be needed.

Hand Protection
Chemical protective gloves is not needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized. In case of using gloves, use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene. Nitrile/ butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). Avoid gloves made of: Polyvinyl alcohol ("PVA").

Respiratory Protection
Respiratory protection should be worn as there is a risk of exposure above given or recommended Occupational Exposure Limits. If such limit values are not present, respiratory protection will cause effects such as respiratory irritation or discomfort, or when risk assessment indicates that this is required. Under most conditions, no respiratory protection should be required; If discomfort is experienced, use an approved respiratory protective device.

Hygiene measures
Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance: Liquid.
Color: light blue
Odor: No odor.
Odor Threshold: No data available
pH: 6.0 - 7.0
Melting Point: No data available.
Boiling Point: > 212°F (100°C)
Flash Point: No data available
Evaporation rate: < 1.0
Flammability: Non-flammable
Upper flammability or explosive limits: Not Applicable
Lower flammability or explosive limits: Not Applicable
Vapor Pressure (mm Hg): 17
Vapor Density (air=1): < 1.0
Relative Density: No data available
Specific Gravity (H₂O = 1): 1.0 - 1.2
Water Solubility: Soluble
Partition coefficient: No data available
Auto-ignition temperature: Not Applicable
Decomposition temperature: No data available
Viscosity: No data available
Explosive properties: No data available
Oxidizing properties: No data available
10. STABILITY AND REACTIVITY
Reactivity: No dangerous reaction known under conditions of normal use.
Chemical stability: Stable product at normal conditions.
Possibility of hazardous reactions: Hazardous polymerization will not occur.
Conditions to avoid: Temperatures above 100°F (38°C) and below 34°F (1°C)
Incompatible materials: Strong oxidizing agents. Strong acids.
Hazardous decomposition products: Thermal decomposition may yield carbon monoxide.

11. TOXICOLOGICAL INFORMATION
Information on toxicological effects
Acute Toxicity
Acute oral toxicity Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.
Based on information for component(s):
LD50, Rat, > 2,000 mg/kg Estimated.
Acute dermal toxicity Prolonged skin contact is unlikely to result in absorption of harmful amounts.
Based on information for component(s):
LD50, Rabbit, > 2,000 mg/kg Estimated.
Acute inhalation toxicity Brief (minutes) exposure to vapor, mist or dust is not likely to cause adverse effects.
The LC50 has not been determined.

Skin corrosion/irritation
Brief contact may cause skin irritation with local redness.

Serious eye damage/eye irritation
May cause eye irritation. May cause corneal injury.

Sensitization
For respiratory sensitization: No relevant data found.

Specific Target Organ Systemic Toxicity (Single Exposure)
Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Specific Target Organ Systemic Toxicity (Repeated Exposure)
No relevant data found.

Carcinogenicity
No relevant data found.

Teratogenicity
No relevant data found.

Reproductive toxicity
No relevant data found.

Mutagenicity
No relevant data found.

Aspiration Hazard
No relevant data found.

COMPONENTS INFLUENCING TOXICOLOGY:
Diethylene glycol methyl ether (CAS No.: 111-77-3)
Acute oral toxicity
LD50, Rat, > 7,000 mg/kg
Acute dermal toxicity
LD50, Rabbit, > 20,400 mg/kg
Acute inhalation toxicity
LC50, Rabbit, > 9,404 mg/kg

Skin corrosion/irritation
Rabbit, No skin irritation - 72 h

Serious eye damage/eye irritation
Rabbit, No eye irritation - 72 h

Sensitization
Maximisation Test (GPMT) - Guinea pig
Result: Does not cause skin sensitisation.

Reproductive toxicity
Possible risk of congenital malformation in the fetus.
Suspected human reproductive toxicant
Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.

12. ECOLOGICAL INFORMATION
Ecotoxicological information appears in this section when such data is available.

Toxicity
Diethylene glycol methyl ether (CAS No.: 111-77-3)

- Acute toxicity to fish
  LC50, Lepomis macrochirus - 7,500 mg/l - 96 h
  LC50, Pimephales promelas (fathead minnow) - 5,741 mg/l - 96 h

- Acute toxicity to aquatic invertebrates
  EC50, Daphnia magna (Water flea) - 1,192 mg/l - 48 h

- Acute toxicity to algae/aquatic plants
  ErC50 Pseudokirchneriella subcapitata (green algae) 400 mg/L/72 hr, NOEC 25 mg/L (OECD 201)

Persistence and degradability
No data available.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

13. DISPOSAL CONSIDERATIONS
Disposal methods
Product
Coagulate the product by the stepwise of Ferric Chloride and Lime.
Remove the clear supernatant liquid and flush to a chemical sewer.
Incinerate the solids and the contaminated material according to local and federal regulations.

14. TRANSPORT INFORMATION
Classification for ROAD AND RAILWAY TRANSPORT (ADR / RID)
Not regulated for transport

Classification for SEA transport (IMO-IMDG)
Not regulated for transport

Transport in bulk according to Annex II of MARPOL and the IBC Code
Consult IMO regulations before transporting ocean bulk.

Classification for AIR transport (IATA/ICAO)
Not regulated for transport

15. REGULATORY INFORMATION
Japan Fire Service Law
NOT REGULATED

Industrial Safety and Health Law
Japan. Industrial Safety & Health Law (ISHL) List All components of this product are in compliance with ISHL

DESCO INDUSTRIES INC - 3651 Walnut Avenue, Chino, CA 91710 • (909) 627-8178 • Website: DescoIndustries.com
(Japan, Industrial Safety and Health Law) inventory rules.
Hazardous substance NOT REGULATED
Ordinance on Specified Chemical Hazard Prevention. NOT REGULATED
Ordinance on Organic Solvent Poison Prevention NOT REGULATED
Display Chemical

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**PRTR Law**
NOT REGULATED

**Poisonous and Deleterious Substance Control Law**
NOT REGULATED

**Japan. ENCS - Existing and New Chemical Substances Inventory (ENCS)**
All intentional components are listed on the inventory, are exempt, or are supplier certified.

16. OTHER INFORMATION

SDS Updated: 2018-12-20

**Legend**

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<tr>
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<tbody>
<tr>
<td>TLV</td>
<td>Threshold limit value</td>
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**Disclaimer**

OTHER INFORMATION: This 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 other process. Such information is to the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitableness and completeness of such information for his own particular use.