

SAFETY DATA SHEET

May be used to comply with OSHA Hazcom 29 CFR 1910.1200. 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
One Colgate Way
Canton, MA 02021
UNITED STATES
+1 781-821-8370

Email Address: Service@DescolIndustries.com

Emergency telephone number

United States: +1 781-821-8370

Office hours: 8:00 AM - 5:00 PM

2. HAZARDS IDENTIFICATION

Hazard classification

This material is hazardous under the criteria of the Federal OSHA Hazcom 29 CFR 1910.1200.

Reproductive Toxicity Category 2

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.

Components	CAS No.	Concentration
Diethylene glycol methyl ether	111-77-3	< 1.0%

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, CO ₂ , 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

Components	CAS No.	TLV-value	OSHA PEL
Diethylene glycol methyl ether	111-77-3	20 ppm	50 ppm or 240 mg/m3

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 (H ₂ O = 1) :	1.0 - 1.2
Water Solubility:	Soluble
Partition coefficient:	No data available
Auto-ignition temperature:	Not Applicable
Decomposition temperature:	No data available

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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.
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14. TRANSPORT INFORMATION

DOT (Department of Transportation)	Not regulated for transport
Classification for SEA transport (IMO-IMDG)	Not regulated for transport Consult IMO regulations before transporting ocean bulk.
Classification for AIR transport (IATA/ICAO)	Not regulated for transport

15. REGULATORY INFORMATION

Superfund Amendment and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986)

Section 302 and 303	No chemicals in this product are subject to the reporting requirements of Section 302.
Section 304	This product does not contain any components with a section 304 Reportable Quantity (RQ).
Section 311 and 312	No SARA Hazards
Section 313	None

California Proposition 65

This product contains a chemical that is at or below California Proposition 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on SDS or label.

United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16. OTHER INFORMATION

HMIS RATING	Health 1, Reactivity 0, Flammability 0, Personal Protection B
NFPA RATING	Special Hazard: N/A, Health: 1, Flammability: 0, Instability: 0
SDS Updated	2018-12-20

Legend

OSHA PEL	OSHA Permissible Exposure Limit
TWA	Time Weighted Average

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 suitability and completeness of such information for his own particular use.