

Application Instructions

Statfree® Dissipative Burnishing Restorer



Made in the
United States of America



Figure 1. Statfree® Burnishing Restorer

Description

Statfree® Dissipative Burnishing Restorer is a ready-to-use formulation that enhances gloss well beyond burnishing alone. It may be used with [Statguard® Dissipative Floor Finish](#) or with ESD floor tiles to clean and prepare the ESD flooring for burnishing in one simple step, keeping the wet look on floors without the need for refinishing. The surface resistance (1×10^7 to $< 1 \times 10^{10}$ ohms) meets the ANSI/ESD S20.20 minimum requirements for an ESD protective floor and will not inhibit the ESD properties of [Statguard® Dissipative Floor Finish](#) or ESD tile that it is used with.

Application

Heavy to moderate traffic floors should be treated once a week. Light traffic floors should be treated 2 to 4 times per month or as needed.

EQUIPMENT NEEDED:

- Push broom
- 1000-2000 rpm buffing machine with a white or beige pad
- Statfree® Burnishing Restorer

1. Dry mop the coated area to remove loose dirt from coated floor.
2. Use a clean untreated string mop to apply a thin coat of restorer onto floor. Allow it to dry 20 to 40 minutes.
3. Burnish the coated area with a 1000 to 2000 RPM burnishing machine and a clean beige burnishing pad.
4. Dry mop the entire burnished area again.

Physical Properties

Total Solids	6 - 10%
Coverage	2,000 sq. ft./gallon
pH Value	6 - 7
Color	Light Blue
Storage Temperature	35°F - 95°F
Freeze/Thaw Stability	Passes three cycles
Drying Time	20 - 40 min. @ 55% RH
Surface Resistance	1×10^7 to $< 1 \times 10^{10}$ ohms per ESD S7.1

Storage

Statfree® Dissipative Burnishing Restorer does not have a set life span. The chemicals are not known to degrade over time when stored at the proper temperature conditions as stated in the Safety Data Sheet. We also recommend that the product be stored in its original container and be sealed when not in use.

RoHS 2, REACH, and Conflict Minerals Statement

None of the RoHS 2 restricted materials or REACH substances of very high concern as of 2014/12/17, or Conflict Minerals are intentionally added in manufacturing this product. Ref: European Union Directive 2011/65/EU and Regulation (EC) No. 1907/2006/CE. See Desco [Limited Warranty at DescoIndustries.com](#).

Limited Warranty, Warranty Exclusions, Limit of Liability and RMA Request Instructions

See Desco Industries Inc. Warranty
<http://www.descoindustries.com/Warranty.aspx>

Statfree® Dissipative Burnishing Restorer is available from these Desco Industries brands:

DESCO

for service and support in North America

2.5 Gallon [81061](#)

STATGUARD FLOORING

for service and support in North America

2.5 Gallon [46011](#)

DESCO ASIA

for service and support in Asia

10 L [81061](#)

DESCO JAPAN

for service and support in Japan

10 L [81061](#)

Safety Data Sheet

May be used to comply with ANSI Z400.1-2004, 29 CFR 1910.1200, Regulation (EC) No 1272/2008 (CLP Regulation), and GHS. Standard must be consulted for specific requirements.

NFPA Designation 704

Degree of Hazard

4 = Extreme

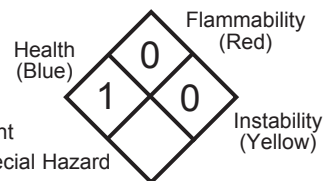
3 = High

2 = Moderate

1 = Slight

0 = Insignificant

Special Hazard



HMIS RATING: Health 1, Flammability 0, Physical Hazard 0, Personal Protection B

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Identity: Statfree® Burnishing Restorer
Recommended Use: Burnish Restorer
Manufacturer: Desco Industries, Inc.
Address: One Colgate Way
Canton, MA 02021
Telephone: 781-821-8370
Emergency Number: 781-821-8370

SECTION 2 — HAZARDS IDENTIFICATION

Classification:

Reproductive toxicity	Category 2
Reproductive toxicity	Category 1B

Labelling:

Symbol: Health Hazard.
Signal word: Danger.
Hazard statement: Suspected of damaging fertility or the unborn child
May damage fertility or the unborn child.

Precautionary statements:

IF exposed or concerned: Get medical advice/attention.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Store locked up.
Dispose of contents/container in compliance with all Federal, State/
Provincial and local laws and regulations.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS-No.	Weight %
Dipropylene Glycol Monomethyl Ether	111-77-3	0-1%
Ethylene Glycol Monobutyl Ether	111-76-2	0-1%
Trade Secret #000205MA104		1-5%

SECTION 4 — FIRST AID MEASURES

Symptoms of Exposure:

Prolonged Inhalation: Vapor or mist can irritate the nose and throat and cause headache and nausea.
Eye Contact: Mild irritation to skin upon repeated or prolonged contact.

Emergency and First Aid Procedures:

Eye Contact: Flush with water. If eye irritation persists: Get medical advice/attention.
Skin Contact: Flush with water. If skin irritation occurs: Get medical advice/attention.

Ingestion: Drink a large amount of water. Contact a physician.

Inhalation: Move subject to fresh air, keep at rest in a position comfortable for breathing. Get medical advice/attention.

SECTION 5 — FIRE FIGHTING MEASURES

Proper Extinguishing Media: N/A.

Unsuitable Extinguishing Methods: N/A.

Protective Equipment & Precautions: Wearing of appropriate protective equipment and clothing.

Flash Point (Method Used): N/A.

Flammable Limits: N/A.

Special Fire Fighting Procedures: None.

Unusual Fire and Explosion Hazards: None.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wearing protective clothing. Wear proper eye protection. Extinguish all ignition sources.

Environmental Precautions: Soak up with saw dust, sand, or earth. Shovel or sweep up. Flush spill area with water.

Waste Disposal Method: Dispose in accordance with local, state, and federal regulations.

SECTION 7 — HANDLING AND STORAGE

Handling: Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Do not breathe dust/fume/gas/mist/vapors/ spray. Use only outdoors or in a well-ventilated area. Wear respiratory protection. Keep containers closed when not in use. Keep from freezing.

Storage: Store in a cool, well-ventilated place.
Storage temperature: Max. 49°C/120°F. Min. 1°C/34°F

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits:

Hazardous Ingredients:	CAS No.	TLV-value	OSHA PEL
Ethylene Glycol Monobutyl Ether	111-76-2	20 ppm	50 ppm / 240 mg/m ³

Exposure Controls:

Control Parameters: TLV-value 20 ppm maximum for Ethylene Glycol Monobutyl Ether.

Measures for Technical Control: Preferences of technical measure to prevent or control contact with the product. Isolating process and personnel, mechanical ventilation (dilution and local exhaust) and the regulation of process conditions. In case of non-prevention or non-control, a proper protective wearing should be used.

Ventilation: Local exhaust.

Personal Protective Equipment (PPE)

Respiratory Protection (Specify Type): Wear MSHA/NIOSH-approved respirator where exposure limits are exceeded.

Hand Protection: Impervious Gloves.
Eye Protection: Chemical splash goggles (ANSI Z-87.1).

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid.
Color: Light blue.
Odor: N/A.
Odor Threshold: N/A.
Boiling Point: >212°F (100°C)
Melting Point: N/A.
Specific Gravity (H₂O = 1): N/A.
Solubility in Water: Dilutable.
pH: N/A.
Flash Point: N/A.
Flammability Limits: N/A.
Vapor Pressure (mm Hg): 17
Vapor Density (air=1): <1.0
Density at 20°C: N/A.
Flammability: Classification according to EC-regulations "non-flammable".
Ignition Temperature: N/A.
Evaporation Rate: <1
Decomposition temperature: N/A.
Partition coefficient: N/A.

SECTION 10 — STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.
Hazardous Decomposition/Byproducts: N/A.
Incompatibility (Materials to Avoid): N/A.
Stability/Reactivity: Stable product at normal conditions.
Conditions to Avoid: N/A.

SECTION 11 — TOXICOLOGICAL INFORMATION

Acute Toxicity

Trade Secret #000205MA104

Skin-Rabbit: Irritating.
Eye-Rabbit: Moderately Irritating.
Skin Sensitization: Negative in Buehler Test.
Mutagenicity: Negative in in-vitro chromosome aberration test; Negative in Ames test.

LD50 (Oral - Rat): 710 mg/kg
LC50 (Inhalation - Rat): 5.53 mg/L/4 hr
LD50 (Dermal - Rat): > 2000 mg/kg
Target Organ Systemic Toxicity: Oral NOAEL (No Observed Adverse Effect Level) 3.05 mg/kg
Inhalation NOAEL 0.00269

Ethylene glycol monobutyl ether (CAS. 111-76-2)

LD50, (Ingestion - rat): 1,300 mg/kg
LD50, (Ingestion - guinea pig): 1,400 mg/kg
LD50, (Dermal - guinea pig): > 2,000 mg/kg
LC0, 1 h, Vapor, guinea pig > 3.1 mg/l

Diethylene glycol monomethyl ether (CAS. 111-77-3)

Rat > 2 GM/M3 1 HOURS
LD50 (Oral) Rat 9.2 G/KG
Guinea Pig 4.2 G/KG

LD50 (Skin) Rabbit	20.2 G/KG
Reproductive Effects:	Laboratory test indicate high doses may cause adverse reproductive effects in rats and mice.
Carcinogenicity:	Animal studies indicate the potential for reproductive effects in males. Not listed by IARC, NTP, or OSHA.
Acute Effects:	
Eyes:	A high concentration of liquid, mist, or vapor may cause irritation or permanent injury.
Skin:	Repeated or continuous contact may cause irritation of the skin, an allergic reaction, or aggravate existing dermatitis.
Ingestion:	Pain, discomfort in the mouth or chest, dizziness.
Inhalation:	Irritation of nose and throat, discomfort, and coughing.

SECTION 12 — ECOLOGICAL INFORMATION

Mobility:	The product is aqueous and will be separated in aqueous conditions.
Degradability:	N/A.
Bioaccumulation:	Not likely.
Ecotoxicity:	None known.
Reference to BimSchV:	N/A.
Hazard Classification:	None hazardous.

SECTION 13 — DISPOSAL CONSIDERATIONS

Product:	Coagulate the emulsion by the stepwise of Ferric Chloride and Lime. Incinerate the solids and the contaminated material according to local, state, and federal regulations.
----------	--

SECTION 14 — TRANSPORT INFORMATION

This product is not classified for transport under ADR/IMDG regulations.

SECTION 15 — REGULATORY INFORMATION

Physical/Chemical Indication:	Non-flammable.
Risk-phrase:	(R11): Highly flammable. (R36/38): irritates eyes and skin. (R67): Vapors may cause drowsiness and dizziness.
Safety Phrase:	(S2): keep away from children, (S7): keep containers well closed, (S24/25): avoid contact with skin and eyes, (S62): if swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
EINECS Status:	All components are included in the EINECS inventories.

SECTION 16 — OTHER INFORMATION

HMIS RATING: Health 1, Flammability 0, Physical Hazard 0, Personal Protection: B

NFPA RATING: Special Hazard: N/A, Health: 1, Flammability: 0, Instability: 0

SDS Updated: 2015-04-09

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.