

# Statfree® Dissipative Burnishing Restorer Application Instructions



Made in the  
United States of America



Figure 1. Statfree® Dissipative 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 ( $1 \times 10^7$  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

% Solids	6 - 10%
pH	6.0 - 7.0
Color	Light Blue
Coverage	20,000 sq.ft./gallon
Storage Temperature	35°F - 95°F
Freeze/Thaw Stability	Passes three cycles
Drying Time	20 - 40 min. @ 55% RH
Surface Resistivity	$1 \times 10^7$ to $< 1 \times 10^{10}$ ohms per ANSI/ESD STM7.1 and ESD TR53

## Storage

Statguard® 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, REACH, and Conflict Minerals Statement

See the Desco Industries RoHS, REACH, and Conflict Minerals Statement:

<http://www.descoindustries.com/ROHS.aspx>

### Desco Industries Limited Warranty

See the Desco Industries Limited 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 Gallons [81061](#)

### STATGUARD FLOORING

for service and support in North America

2.5 Gallons [46011](#)

## DESCO ASIA

for service and support in Asia

10 Liters [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. Standards must be consulted for specific requirements.

## NFPA Designation 704

Degree of Hazard

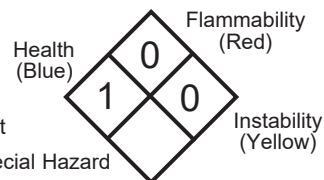
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



Revision Date: 2017-04-13

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

## SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifiers

Product Name: Statfree® Dissipative Burnishing Restorer  
EC No.: None  
REACH Registration No.: None  
CAS No.: None

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use: Burnishing Restorer

### 1.3 Details of the supplier of the safety data sheet

Manufacturer: Desco Industries, Inc.  
One Colgate Way.  
Canton, MA 02021  
781-821-8370

Email Address: [Service@DescoIndustries.com](mailto:Service@DescoIndustries.com)

### 1.4 Emergency telephone number

Emergency Number: 781-821-8370

## SECTION 2 — HAZARDS IDENTIFICATION

### 2.1 Classification of substance or mixture

Reproductive toxicity Category 2

### 2.2 Label elements

Symbol: Health Hazard

Signal word: Warning

Hazard statements: (H361): Suspected of damaging fertility or the unborn child.

Precautionary statements: (P201): Obtain special instructions before use.  
(P202): Do not handle until all safety precautions have been read and understood.  
(P280): Wear protective gloves/protective clothing/eye protection/face protection.  
(P308+P313): IF exposed or concerned: Get medical advice/attention.  
(P405): Store locked up.  
(P501): Dispose of contents/container in compliance with all Federal, National, and Local laws and regulations.

### 2.3 Other hazards

N/A

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixture

Hazardous Ingredients	CAS No.	Weight %
Dipropylene Glycol Monomethyl Ether	111-77-3	0 - 1%

## SECTION 4 — FIRST AID MEASURES

### 4.1 Description of first aid measures

Eye Contact Flush with water for at least 15 minutes. If irritation occurs and persists, contact a doctor.

Skin Contact	Wash with plenty of soap and water. If irritation occurs and persists, obtain medical attention.
Ingestion	Drink 1 or 2 glasses of water and induce vomiting by touching the back of the back of the throat with a finger or by giving syrup of ipecac. Never induce vomiting or give anything by mouth to an unconscious person. Contact a doctor.
Inhalation	Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed

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.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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### SECTION 5 — FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable Extinguishing Media	N/A
Unsuitable Extinguishing Methods	N/A

#### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

#### 5.3 Advice for firefighters

No further relevant information available.

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### SECTION 6 — ACCIDENTAL RELEASE MEASURES

#### 6.1 Personal precautions, protective equipment and emergency procedures

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

#### 6.2 Environmental precautions

Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

#### 6.3 Methods and materials for containment and cleaning up

Soak up with sawdust, sand, or other absorbent material. Shovel or sweep up. Flush spill area with water. Properly dispose of solid waste.

#### 6.4 Reference to other sections

See SECTION 13, Disposal Considerations, for information regarding the disposal of contained spills.

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### SECTION 7 — HANDLING AND STORAGE

#### 7.1 Precautions for safe 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.

#### 7.2 Conditions for safe storage, including any incompatibilities

Storage temperature: Max. 49°C/120°F - 1°C/34°F.

#### 7.3 Specific end use(s)

N/A

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### SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

#### 8.1 Control parameters

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

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

## 8.2 Exposure controls

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

### Individual protection measures

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

Hand Protection Impervious Gloves

Eye Protection Use safety goggles with splash guards or side shields. (ANSI Z-87.1)

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## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance: Liquid  
Color: Light blue  
Odor: N/A  
Odor Threshold: N/A  
pH: 6.0 - 7.0  
Melting Point: N/A  
Boiling Point: >212°F (100°C)  
Flash Point: N/A  
Evaporation rate: <1  
Flammability: Non-flammable  
Upper flammability or explosive limits: N/A  
Lower flammability or explosive limits: N/A  
Vapor Pressure (mm Hg): 17  
Vapor Density (air=1): <1.0  
Relative Density: N/A  
Solubility: Dilutable  
Partition coefficient: N/A  
Auto-ignition temperature: N/A  
Decomposition temperature: N/A  
Viscosity: N/A  
Explosive properties: N/A  
Oxidizing properties: N/A

**9.2 Other information** N/A

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## SECTION 10 — STABILITY AND REACTIVITY

### 10.1 Reactivity

Stable product at normal conditions.

### 10.2 Chemical stability

Stable product at normal conditions.

### 10.3 Possibility of hazardous reactions

Will not occur

### 10.4 Conditions to avoid

No further relevant information available.

### 10.5 Incompatible materials

No further relevant information available.

### 10.6 Hazardous decomposition products

No further relevant information available.

## SECTION 11 — TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Effects

Inhalation	Irritation of nose and throat, discomfort, and coughing.
Eye Contact	A high concentration of liquid, mist, or vapor may cause irritation or permanent injury.
Skin Contact	Skin irritating. May cause itching, pain and reddening.
Ingestion	Pain, discomfort in the mouth or chest, dizziness.

#### Acute Toxicity

<b>Diethylene Glycol Monomethyl Ether</b> CAS No.: 111-77-3	Lethal Doses	(Rat)	> 2 mg/m <sup>3</sup> , 1 hr
	Oral Toxicity	(Rat)	LD50 = 9.2 g/kg
		(Guinea Pig)	LD50 = 4.2 g/kg
	Skin Toxicity	(Rabbit)	LD50 = 20.2 g/kg
	Reproductive Effect	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.		

## SECTION 12 — ECOLOGICAL INFORMATION

12.1 Toxicity	N/A
12.2 Persistence and degradability	N/A
12.3 Bioaccumulative potential	Not likely
12.4 Mobility in soil	The product is aqueous and will be separated in aqueous conditions.
12.5 Results of PBT and vPvB assessment	N/A
12.6 Other adverse effects	N/A
12.7 Additional Information	None hazardous

## SECTION 13 — DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product	Coagulate the emulsion by the stepwise of Ferric Chloride and Lime. Incinerate the solids and the contaminated material according to all Federal, National and Local regulations.
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13.2 Additional information	N/A
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## SECTION 14 — TRANSPORT INFORMATION

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

14.1 UN Number	N/A
14.2 UN proper shipping name	N/A
14.3 Transport hazard class(es)	N/A
14.4 Packing group	N/A
14.5 Environmental hazards	N/A
14.6 Special precautions for user	N/A
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code	N/A

## SECTION 15 — REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Physical/Chemical Indication	Non-flammable
EINECS Status	All components are included in the EINECS Inventories.

### 15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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## SECTION 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	<b>2017-04-13</b>

### 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.