

# Statfree® Dissipative Spray Buff Application Instructions



Made in the  
United States of America



Figure 1. Statfree® Dissipative Spray Buff, ready-to-use 1 quart spray bottle

## Description

Statfree® Dissipative Spray Buff is a ready-to-use product specifically designed to use with floors treated with Statfree® Dissipative Floor Finish. Statfree® Spray Buff cleans away surface soils and marks, while repairing ground-in scratches and scuffs. Spray Buff renews the surface and brings back the gloss to a protected floor. Statfree® Spray Buff can also be used to protect expensive conductive floors.

## General Guidelines

Regular intervals of spray buffing will help to maintain floors treated with Statfree® Floor Finish at peak performance and appearance. Spray buffing with Statfree® Dissipative Spray Buff will remove marks and light surface soil while reviving the high gloss and electrical properties of the treated surface.

## Application

### SPRAY BUFF SCHEDULE

Heavy to moderate foot traffic floors should be spray buffed once a week. Light traffic floors should be buffed 2 to 3 times per month or as needed.

### EQUIPMENT NEEDED

- Push broom
- 175 - 1500 rpm buffing machine with a white or beige pad
- Statfree® Dissipative Spray Buff

1. Sweep away all loose dirt and contaminants. Do not spray buff on a dirty floor.
2. Lightly spray a small area with the Statfree® ready-to-use Dissipative Spray Buff. Treat a small area at a time.
3. Buff the sprayed area at 175 - 1500 rpm until clean and glossy. The area must be buffed while in a liquid state. Do not allow it to dry.
4. After high speed buffing, dry mop the entire area with an untreated mop.

## Physical Properties

% Solids	7 - 10%
pH	7.0 - 9.0
Color	Light Blue/Translucent
Coverage	10,000 - 15,000 sq.ft./quart of solution
Storage Temperature	35°F - 95°F (Prevent from freezing)
Freeze/Thaw Stability	Passes three cycles
Drying Time	30 - 60 min. @ 55% RH
Surface Resistivity	1 x 10 <sup>6</sup> to < 1 x 10 <sup>9</sup> ohms per ANSI/ESD STM7.1 and ESD TR53

## Storage

Statfree® Dissipative Spray Buff 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 Spray Buff** is available from these Desco Industries brands:

## **DESCO**

for service and support in North America

1 Quart [81050](#)

### **STATGUARD FLOORING**

for service and support in North America

1 Quart [46010](#)

## **DESCO ASIA**

for service and support in Asia

1 Liter [81050](#)

## **DESCO JAPAN**

for service and support in Japan

1 Liter [81050](#)

## 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

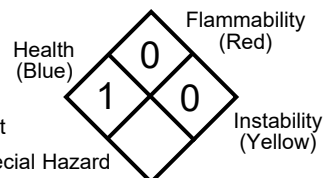
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



Revision Date: 2016-12-20

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 Spray Buff  
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: Spray Buff

### 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

Skin sensitization	Category 1
Acute toxicity (Oral)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Reproductive toxicity	Category 2
Specific target organ toxicity - Single exposure	Category 2 (nervous system)
Specific target organ toxicity - Repeated exposure	Category 2 (nervous system, kidney)
Hazardous to the aquatic environment (Acute)	Category 3
Hazardous to the aquatic environment (Long-term)	Category 3

### 2.2 Label elements

Symbol: Exclamation Point, Health Hazard

Signal word: Warning

Hazard statements: (H302): Harmful if swallowed  
(312+332): Harmful in contact with skin and if inhaled.  
(H314): Cause severe skin burns and eye damage.  
(H315): Causes skin irritation.  
(H317): May cause an allergic skin reaction.  
(H319): Causes serious eye irritation.  
(H361): Suspected of damaging fertility or the unborn child.  
(H371): May cause damage to organs (nervous system).  
(H373): May cause damage to organs through prolonged or repeated exposure (nervous system, kidney).  
(H402): Harmful to aquatic life.  
(H412): Harmful to aquatic life with long lasting effects.

Precautionary statements:

(P302+352+332+313): IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.  
(P305+351+338+337+313): 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.  
(P301+330+312): IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.  
(P308+312+101): IF exposed or concern: Call a POISON CENTER or doctor/physician if you feel unwell. If medical advice is needed, have product container or label at hand.  
(P102): Keep out of reach of children.  
(P201): Obtain special instructions before use.  
(P202): Do not handle until all safety precautions have been read and understood.  
(P260): Do not breathe dust/fume/gas/mist/vapours/spray.  
(P264): Wash eyes, mouth, and skin thoroughly after handling.  
(P270): Do not eat, drink or smoke when using this product.  
(P272): Contaminated work clothing should not be allowed out of the workplace.  
(P273): Avoid release to the environment.  
(P280): Wear protective gloves/protective clothing/eye protection/face protection.  
(P281): Use personal protective equipment as required.  
(P362+364): Take off contaminated clothing and wash before reuse.  
(P405): Store locked up.  
(P501): Dispose of contents/container in compliance with all Federal, State/Provincial 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 %
Ethanolamine	141-43-5	1 - 5%
Trade Secret #000205MA104		1 - 5%

## SECTION 4 — FIRST AID MEASURES

### 4.1 Description of first aid measures

Eye Contact	Flush with water. If eye irritation persists: Get medical advice/attention.
Skin Contact	Flush with water. If skin irritation/rash occurs: Get medical advice/attention.
Ingestion	Do not induce vomiting, drink 3 glasses of water, and contact a physician.
Inhalation	Move subject to fresh air.

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

Symptom of Exposure	Prolonged contact with skin may cause irritation. Direct contact with eyes may cause irritation.
---------------------	--

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

N/A

## 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

None.

## 5.3 Advice for firefighters

In the event of fire wear self-contained breathing apparatus (SCBA) and full protective gear.

---

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

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

N/A

### 6.2 Environmental precautions

Avoid release to the environment.

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

Mop up spills immediately. Wet floor may present slip hazard.

### 6.4 Reference to other sections

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

---

## SECTION 7 — HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Wear protective gloves/protective clothing/eye protection/face protection while handling. Take off contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace. Keep containers closed when not in use. Keep from freezing. Keep out of reach of children. Wash hands with soap and water after use.

### 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

---

## 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
Ethanolamine	141-43-5	3 ppm, 6 ppm (ST*)	50 ppm or 240 mg/m <sup>3</sup>

\*ST = Short Term exposure

### 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
<b>Individual protection measures</b>	
Respiratory Protection (Specify Type)	Wear MSHA/NIOSH-approved respirator where exposure limits are exceeded
Hand Protection	Impervious/Neoprene Gloves
Eye Protection	Use safety goggles with splash guards or side shields. (ANSI Z-87.1)

---

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Translucent to light blue
Odor:	N/A
Odor Threshold:	N/A

pH:	7.0 - 9.0
Melting Point:	N/A
Boiling Point:	>212°F (100°C)
Flash Point:	N/A
Evaporation rate:	N/A
Flammability:	Classification according to EC-regulations "non-flammable"
Upper flammability or explosive limits:	N/A
Lower flammability or explosive limits:	N/A
Vapor Pressure (mm Hg):	N/A
Vapor Density (air=1):	N/A
Relative Density:	8.5 - 9 lbs/gal
Solubility:	Complete
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

## 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

N/A

### 10.5 Incompatible materials

N/A

### 10.6 Hazardous decomposition products

N/A

## SECTION 11 — TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Toxicity

Trade Secret #000205MA104	Skin Toxicity	(Rabbit)	Irritating
	Eye Toxicity	(Rabbit)	Moderately Irritating
	Skin Sensitization	Negative in Buehler Test	
	Mutagenicity	Negative in in-vitro chromosome aberration test Negative in Ames test	
	Oral Toxicity	(Rat)	LD50 = 710 mg/kg
	Inhalation Toxicity	(Rat)	LC50 = 5.53 mg/L, 4 hr
	Dermal Toxicity	(Rat)	LD50 > 2000 mg/kg
	Target Organ Systemic Toxicity	Oral NOAEL * = 3.05 mg/kg Inhalation NOAEL = 0.00269	
	*NOAEL = No Observed Adverse Effect Level		

<b>Ethanolamine</b> CAS No.: 111-76-2	Draize Test	(Rabbit)	Eye, 250 ug severe
	Oral Toxicity	(Mouse)	LD50 = 700 mg/kg
		(Rabbit)	LD50 = 1 mg/kg
		(Rat)	LD50 = 1720 mg/kg
	Skin Toxicity	(Rabbit)	LD50 = 1 mL/kg

## 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: Soak up with sawdust, sand, or earth. Shovel or sweep up. Flush spill area with water. Dispose of contents/container in compliance with all Federal, National and Local regulations.

### 13.2 Additional information

N/A

## 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.

TSCA

All ingredients of this product are listed or are excluded from the listing on the U.S. Toxic Substance Control ACT (TSCA) Chemical Substance inventory

REACH

This product does not require REACH registration.

---

#### 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**

**2016-10-21**

#### 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.