



Made in the  
United States of America

# Statguard® Floor Mat Cleaner

## Application Instructions



Figure 1. 1 Quart Spray Bottle ([10443](#))



Figure 2. 2.5 Gallon Bag-in-Box ([10444](#))



Figure 3. 5 Gallon Bag-in-Box ([10445](#))

### Description

Desco's Statguard® Floor Mat Cleaner is a non-hazardous, silicone free liquid used to remove dust, grease, grime, shoe prints, and other contaminants from ESD floor mats to maintain the performance of the mats. To apply the cleaner, the floor mat surface should be sprayed until slightly wet and then mopped till dry with a lint free flat mop. No additional rinsing will be required in most cases. Statguard® Floor Mat Cleaner contains no alkali, ammonia, or other harsh chemical that may physically damage mats or degrade the mat's ESD properties. Statguard® Floor Mat Cleaner is formulated to meet the VOC requirements of the California Air Resources Board and it is non-flammable, making it safe to use in electronics production areas and safe for operator contact.

### Features

- Vinyl and Rubber Floor Mat Liquid Cleaning Solution
- Simple Application Does Not Require Additional Rinsing
- Silicone Free
- Contains No Chemicals That Will Damage Mats
- Meets CARB VOC Standard, Non-Flammable, Non-Hazardous

### Directions for Use

1. Use dust mop or broom to remove larger debris from the floor mat.
2. Spray floor mat till slightly wet.
3. Mop/scrub till dry with a lint free flat mop.

No additional rinsing is required. For tougher stains reapplication may be necessary.

### Specifications

|                                |  |
|--------------------------------|--|
| <b>Appearance of solution:</b> | Transparent violet   |
| <b>pH:</b>                     | 6-8  |
| <b>Odor:</b>                   | Slight floral  |
| <b>Solubility:</b>             | Water, acetone, alcohols   |
| <b>Flammability:</b>           | Classification according to NFPA and OSHA as "non-flammable."<br><br>Flammable Category 3 according to EU and GHS. |
| <b>Ion Level:</b>              | (mg/l)   |
|                                | Fluoride 0.3   |
|                                | Sulfate <0.5   |
|                                | Nitrate 1.2  |
|                                | Bromide <0.5   |
|                                | Phosphate <0.5   |

**Electrical Properties (Dry Film):**  $1 \times 10^7$  to  $<1 \times 10^8$   
ohms ref. ANSI/ESD S4.1)

**Static Decay Rate:** <.01 seconds  
(per FTMS 101C  
Method 4046)

## Testing

Floor mats should be tested as part of ANSI/ESD S20.20-2007 Compliance Verification testing per ESD TR53. Mats should be tested to ensure that the mats are within spec. Desco manufactures multiple styles of [surface resistivity meters](#) for testing floor mats and other surfaces.

## Storage

Statguard® Floor Mat Cleaner product 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 this 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>

## 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

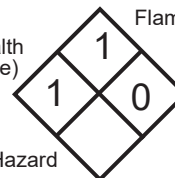
3 = High

2 = Moderate

1 = Slight

0 = Insignificant

Health  
(Blue)



Flammability  
(Red)

Instability  
(Yellow)

Special Hazard

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

## SECTION 1 — IDENTIFICATION OF THE PRODUCT and OF THE ENTERPRISE

Product Name: Statguard® Floor Mat Cleaner  
Recommended Use: Antistatic Mat Cleaner  
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:

|                  |                |
|------------------|----------------|
| Flammable liquid | Category 3     |
| Eye irritation   | Category 2A-2B |

### Labelling:

Symbol: Flame, Exclamation mark.

Signal word: Warning.

Hazard Statement: NONE.

Precautionary statements: (P102): Keep out of reach of children.  
(P210): Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
(P233): Keep container tightly closed.  
(P262): Do not get in eyes, on skin or on clothing.  
(P264): Wash hands thoroughly after handling.  
(P270): Do NOT eat, drink or smoke when using this product.  
(P301+310+331+101): IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If medical advice is needed, have product container or label at hand.  
(P403+235): Store in a well ventilated place. Keep cool.

## SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

| Hazardous Ingredients: | CAS No. | Weight % |
|------------------------|---------|----------|
| Isopropanol*           | 67-63-0 | 5-25%    |

\*These items are listed and subjected to the reporting requirements of the SARA Title III Section 313 Inventory of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR37.

## SECTION 4 — FIRST AID MEASURES

Eye Contact: Flush with water for at least 15 minutes.  
Skin Contact: Wash with soap and water.  
Ingestion: DO NOT induce vomiting. Contact a physician.  
Inhalation: Move subject to fresh air.

## SECTION 5 — FIRE FIGHTING MEASURES

|                                     |   |
|-------------------------------------|---|
| Proper Extinguishing Media:         | Water.  |
| Unsuitable Extinguishing Methods:   | N/A.  |
| Protective Equipment & Precautions: | Wearing of appropriate protective equipment and clothing. |
| Special Fire Fighting Procedures:   | Cool containers with water.                               |
| Unusual Fire and Explosion Hazards: | None known.   |

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## SECTION 6 — ACCIDENTAL RELEASE MEASURES

|                            |   |
|----------------------------|---|
| Personal Precautions:      | Wearing protective clothing. Inhalation protection. Extinguish all ignition sources.  |
| Environmental Precautions: | Biodegradable.  |
| Clean Up:                  | Contain and collect material into plastic container. Water rinse and drain, flush small amounts. Use sanitary landfill disposal. Follow state and local regulations (RCRA; Subtitle D). |

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## SECTION 7 — HANDLING AND STORAGE

|           |  |
|-----------|--|
| Handling: | Use in well-ventilated areas; avoid breathing vapors. Keep containers closed when not in use. Avoid from freezing. |
| Storage:  | Storage temperature: Max. 49°C/120°F 1°C/34°F.<br>Keep from freezing.  |

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## SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

### Exposure Limits

|                        |         |           |
|------------------------|---------|-----------|
| Hazardous Ingredients: | CAS No. | TLV-value |
| Isopropanol*           | 67-63-0 | 400 ppm   |

### Engineering Controls

|                                 |   |
|---------------------------------|---|
| Control Parameters:             | TLV-value 400 ppm maximum for Isopropanol.  |
| 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. |

### Personal Protection

|   |  |
|---|--|
| Respiratory Protection ( <i>Specify Type</i> ): | Wear MSHA/NIOSH approved respirator where exposure limits are exceeded.                    |
| Hand Protection:                                | Impervious/Neoprene Gloves.  |
| Eye Protection:                                 | Safety glasses or Chemical splash goggles as defined in ANSI Z-87.1 or a similar standard. |
| Work/Hygienic Practices:                        | Wash hands before eating, smoking, or using washroom facilities.                           |

## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

|  |  |
|--|--|
| Form:                                    | Liquid.  |
| Colour:                                  | Clear violet.  |
| Odor:                                    | Floral Alcohol.  |
| Boiling Point:                           | >200°F (93.3°C).   |
| Melting Point:                           | N/A.   |
| Specific Gravity (H <sub>2</sub> O = 1): | .98  |
| Solubility in Water:                     | Complete.  |
| pH:                                      | 6-8  |
| VOC per Method 24 of EPA:                | 1% VOC by wt.  |
| Flash Point:                             | 106°F (41°C).  |
| Flammability Limits:<br>(vol. % in air)  | N/A.   |
| Vapor Pressure (mm Hg):                  | 18.0   |
| Vapor Density (air=1):                   | 1.06   |
| Density at 20°C:                         | 8.17 lbs./gal.   |
| Flammability:                            | Classification according to NFPA and OSHA as "non-flammable",<br>Flammable Category 3 according to EU and GHS. |
| Ignition Temperature:                    | N/A.   |
| Evaporation Rate:                        | .28  |

## SECTION 10 — STABILITY AND REACTIVITY

|  |   |
|--|---|
| Hazardous Decomposition/Byproducts:            | Thermal decomposition may yield carbon monoxide.      |
| Incompatibility ( <i>Materials to Avoid</i> ): | Strong Oxidizers.                                     |
| Stability/Reactivity:                          | Stable product at normal conditions.                  |
| Conditions to Avoid:                           | Temperatures above 100°F (38°C) and below 34°F (1°C). |
| Hazardous Polymerization:                      | N/A.  |

## SECTION 11 — TOXICOLOGICAL INFORMATION

All information refers to the main component Isopropanol.

|                  |             |
|------------------|-------------|
| Acute toxicity:  | None known. |
| Special Effects: | None known. |

## 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: | Contain and collect material into plastic container. Water rinse and drain, flush small amounts. Use sanitary landfill disposal. Follow state and local regulations (RCRA; Subtitle D). |
|----------|---|

## SECTION 14 — TRANSPORT INFORMATION

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

## SECTION 15 — REGULATORY INFORMATION

|                               |  |
|-------------------------------|--|
| Physical/Chemical Indication: | Non-flammable (NFPA and OSHA), Flammable (EU and GHS).   |
| 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. |
| REACH:                        | This product does not require REACH registration.  |

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## SECTION 16 — OTHER INFORMATION

|              |  |
|--------------|--|
| HMIS RATING: | Health 1, Flammability 1, Physical Hazard 0, Personal Protection B |
| NFPA RATING: | Special Hazard: N/A, Health: 1, Flammability: 1, Instability: 0    |
| SDS Updated: | 2016-08-12   |

### 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.