

Statguard® Floor Mat Cleaner Application Instructions



Made in the
United States of America



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
- **Lead-free RoHS Compliant**
- Made in the United States of America: This item is stocked in [Canton, MA](#)

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

| | |
|--------------------------------|--------------------------|
| Appearance of solution: | Transparent violet |
| pH: | 6-8 |
| Odor: | Slight floral |
| Solubility: | Water, acetone, alcohols |
| Flammability: | Non-flammable |
| Ion Level: | (mg/l) |
| | Fluoride 0.3 |
| | Sulfate <0.5 |
| | Nitrate 1.2 |
| | Bromide <0.5 |
| | Phosphate <0.5 |

Electrical Properties (Dry Film): 10E7 - 10E8 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.

NOTE: 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 Material Safety Data Sheet. We also recommend that this product be stored in its original container and be

Limited Warranty

Desco Industries Inc. expressly warrants that for a period of one (1) year from the date of purchase, our Statguard® Floor Mat Cleaner will be free of defects in material. Within the warranty period, the material will be replaced at our option, free of charge. Call our Customer Service Department at 781-821-8370 or 00 44 (0) 1892-665313 in Europe for a Return Material Authorization (RMA) and proper shipping instructions and address. You should include a copy of your original packing slip, invoice, or other proof of purchase date. Any material under warranty should be shipped prepaid to the Desco Industries Inc. factory. Warranty replacements will take approximately two weeks.

Warranty Exclusions

THE FOREGOING EXPRESS WARRANTY IS MADE IN LIEU OF ALL OTHER PRODUCT WARRANTIES, EXPRESSED AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH ARE SPECIFICALLY DISCLAIMED. The express warranty will not apply to defects or damage due to accidents, neglect, misuse, alterations, operator error, or failure to properly maintain, clean or repair products.

Limit of Liability

In no event will Desco Industries Inc. or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume all risk and liability whatsoever in connection therewith.

Material Safety Data Sheet

May be used to comply with ANSI Z400.1-2004, 29 CFR 1910.1200, European 2001/58/EC, REACH 1907/2006/EC, and GHS. Standards must be consulted for specific requirements.

NFPA Designation 704

Degree of Hazard

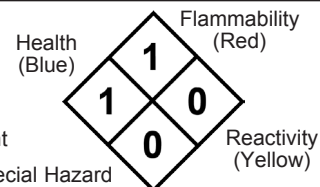
4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant



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
Date Prepared: 2011-11-18

SECTION 2 — HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. MAY BE MILDLY IRRITATING TO EYES. MAY BE MILDLY IRRITATING TO SKIN. MAY BE IRRITATING TO NOSE AND THROAT.

Routes of Entry

Eyes: A high concentration of liquid, mist, or vapour may cause irritation of the connective tissue.
Skin: Repeated or continuous contact may cause irritation of the skin.
Ingestion: None known.
Inhalation: Irritation of nose, throat, and lack of breath. Exposure to vapors in high concentration may have effect as with inhalation.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients: | CAS No. | Weight (%) |
|---------------------------|----------------|-------------------|
| Water | 7732-18-5 | 60-100% |
| Isopropanol* | 67-63-0 | 5-25% |
| Trade Secret #030507MA105 | Non Hazardous | 1-5% |

*Listed Chemical Subject To Reporting Requirement of SARA Section 313 Title III

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, may cause damage to mouth, throat, or esophagus. Contact a physician.
Inhalation: Move subject to fresh air.

SECTION 5 — FIREFIGHTING MEASURES

Proper Extinguishing Media: Water
Unsuitable Extinguishing Methods: N/A
Protective Equipment & Precautions: Wear appropriate protective equipment and clothing.
Flash Point (Method Used): N/A
Flammable Limits: N/A
Special Fire Fighting Procedures: Cool containers with water.
Unusual Fire and Explosion Hazards: None known.

SECTION 6 — ACCIDENTAL RELEASE MEASURES

| | |
|----------------------------|--|
| Personal Precautions: | Wear protective clothing. Inhalation protection. Extinguish all ignition sources. |
| Environmental Precautions: | Avoid runoff into storm sewers and ditches which lead to waterways. |
| Cleaning Procedures: | Dike 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 7 — HANDLING AND STORAGE

| | |
|-----------|--|
| Handling: | Use in well-ventilated areas; avoid breathing vapors. Keep containers closed when not in use. Avoid from freezing. For commercial and industrial use only. |
| Storage: | Storage temperature: Max. 49°C/120°F 1°C/34°F. Keep from freezing. Keep out of reach of children. |

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

| | | |
|---|---|------------------|
| <i>Ingredients:</i> | <i>CAS No.</i> | <i>TLV-value</i> |
| Isopropanol | 67-63-0 | 400 ppm |
| 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. | |
| 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) |
| Specific Gravity (H ₂ O = 1): | .98 |
| Solubility in Water: | Complete |
| pH: | 6.0-8.0 |
| Flash Point: | Noncombustible |
| Vapor Pressure (mm Hg): | 18.0 |
| Vapor Density (air=1): | 1.06 |
| Density at 20°C: | 8.16 lbs./gal |
| Flammability: | Classification according to EC-regulations "non-flammable" |
| Ignition Temperature: | N/A |
| Evaporation Rate: | 0.28 |
| VOC (per method 310): | 9.4%* |

*This product meets VOC requirements per Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Section 94509

SECTION 10 — STABILITY AND REACTIVITY

Hazardous Decomposition/Byproducts: Thermal decomposition may yield carbon monoxide.
Incompatibility (*Materials to Avoid*): Strong Oxidizers
Stability/Reactivity: Stable product at normal conditions.
Conditions to Avoid: Temperatures above 120°F (49°C) and below 34°F (1°C)

SECTION 11 — TOXICOLOGICAL INFORMATION

All information refers to the main component Isopropanol (67-63-0)
Acute toxicity: None known
Special Effects: None known

SECTION 12 — ECOLOGICAL INFORMATION

No environmental hazards have been reported or known.

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: No special precautions. Follow state and local regulations (RCRA; Subtitle D).
Hazardous Waste Number: Non Hazardous

SECTION 14 — TRANSPORT INFORMATION

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

SECTION 15 — REGULATORY INFORMATION

Physical/Chemical Indication Non-flammable
Safety Phrase (S2): keep away from children, (S7): keep containers well closed, (S24/25): avoid contact with skin and eyes, (S26): In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. (S62): If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible.
EU Classification This product does not have to be classified according to the EU Regulations.
(67/548/EEC-88/379/EEC)
EINECS Status All components are included in the EINECS Inventories
SARA 313 Regulated Isopropanol (67-63-0) Fire Hazard, Acute Health Hazard, Chronic Health Hazard
Chemical(s)
International Inventories at All components of this product are listed on the following inventories:
CAS# Level: U.S.A (TSCA), Canada (DSL/NDSL)
California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

RIGHT TO KNOW (RTK)

| Ingredients | CAS # | MARTK | NJRTK | PARTK |
|-------------|-----------|-------|-------|-------|
| Water | 7732-18-5 | - | X | X |
| Isopropanol | 67-63-5 | X | X | X |

Canada: WHIMIS hazard class: Non-controlled

SECTION 16 — OTHER INFORMATION

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

NFPA RATING: Special Hazard 0, Health 1, Flammability 1, Reactivity 0

Disclaimer

The information given in this publication has been worked up to the best of the knowledge of Desco Industries Inc, as well as taking into consideration the applicable laws and regulations. We cannot anticipate all conditions under which this information and our products or the products of the manufacturers in combination with our products may be used. We accept no responsibility for the results obtained by the application information or the safety and suitability of our product or product combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers end users assume responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products.

N/A = Not Applicable; NE = None Established