Statguard® Low Residue Floor Stripper Application Instructions

Made in America

Figure 1. Statguard® Low Residue Floor Stripper

Description

Statguard® Low Residue Floor Stripper is a strong, non-ammoniated, phosphate-free floor stripper. Its clear, mild pH formulation is designed to break up and lift multiple layers of Statguard® floor finish.

General Guidelines

Statguard® Low Residue Floor Stripper is designed specifically for use with the Statguard® and Statfree® Static Dissipative Floor Finishes and similar polymer type floor finishes. The mild pH formulation is non-ammoniated, phosphate-free, and biodegradable. Excellent removability properties enable the stripper to break up and lift multiple layers of static dissipative (ESD) type floor finish when used on vinyl, concrete, rubber, terrazzo, quarry tile, brick, slate, and unglazed ceramic. It is not recommended for use on asphalt tile, linoleum and Dutch linoleum floors; test for bleaching on a small area first. Use in a well ventilated area. Coverage is 400 sq. ft. per gallon (9.8 sq. meters per liter) of concentrate, when diluted to a 3:1 ratio.

Application

Always use in a well ventilated area or wear a suitable respirator. Wear appropriate eye protection such as splash goggles and impervious type protective gloves.

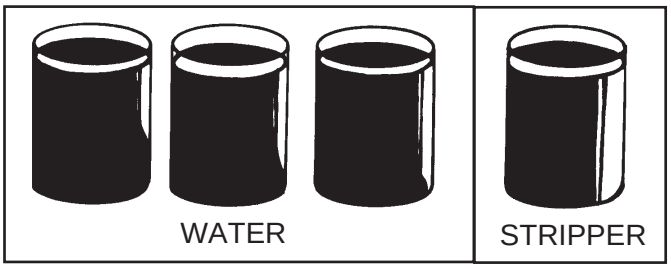

Figure 2. Statguard® Low Residue Floor Stripper mix ratio with hot water

1. Mix Statguard® Low Residue Floor Stripper 3:1, three (3) parts HOT water to one (1) part stripper.

Figure 3. Applying the Statguard® Low Residue Floor Stripper with a cotton mop

2. Apply stripper liberally to the floor in need of stripping. Using a cotton mop, uniformly distribute the solution. Let the solution sit for 7-10 minutes. Do not let it dry.

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Figure 4. Applying the Statguard® Low Residue Floor Stripper with a scrubbing machine

3. Using a scrubbing machine @ 175 RPM, and a synthetic pad (green to black), scrub the area to be stripped.

4. Clean area using hot water and the same cotton mop.

5. Reapply Statguard® Low Residue Floor Stripper, repeat steps 2-4.

6. Rinse area TWICE using hot water and a clean mop.

7. Using a wet vacuum or mop, remove rinse water from floor.

Physical Properties

pH	10.5
% Solids	2%
Density @ 70°F	8.38 lbs/gal (1 kg/L)
Color	Light red
Solubility in water	100%
% Volatile by Wt.	98%

NOTE: Statguard® Low Residue Floor Stripper 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 the product be stored in its original container and be sealed when not in use.

Testing

It is recommended to test the stripped surfaces after the second rinse to ensure that high pH residues are rinsed away. Some high pH strippers will leave a residue behind even after several rinses. A high pH can effect the floor finish curing time as well as other properties of the finish. To test for pH residue, test either the rinse water or the floor using either a pH measuring instrument or a piece of pH indicating litmus paper. A safe pH will be between 7.0 (neutral) and 9.9 (mildly alkaline). Some sources for litmus paper are Micro Essential Laboratory, Brooklyn, NY 11210 or Fisher Scientific, Fair Lawn, New Jersey 07410.

Limited Warranty

Desco Industries Inc. expressly warrants that for a period of one (1) year from the date of purchase, Statguard® Low Residue Floor Stripper 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.

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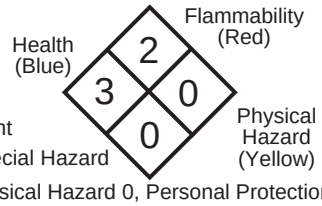
Material Safety Data Sheet

May be used to comply with ANSI Z400.1-2004, 29 CFR 1910.1200, European 2001/58/EC, REACH 1907/2006/EC, and GHS. Standard 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 2, Flammability 0, Physical Hazard 0, Personal Protection B

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Identity:	Statguard® Low Residue Floor Stripper
Chemical Name:	Floor Finish Stripper
Manufacturer:	Desco Industries, Inc.
Address:	One Colgate Way Canton, MA 02021
Telephone:	781-821-8370
Emergency Number:	781-821-8370
Date Prepared:	2009-06-12

SECTION 2 — HAZARDS IDENTIFICATION

Routes of Entry

Eyes:	A high concentration of liquid, mist, or vapour 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, collapse, coma.
Inhalation:	Irritation of nose or throat, discomfort, and cause coughing. May aggravate asthma. Exposure to vapors in high concentrate may have same effect as with inhalation.

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients:	*CAS No.*	*Weight (%)*
Ethanol, 2 Amine*	141-43-5	5-25%
Glycol Ether*	111-76-2	5-25%
Isopropanol*	67-63-0	5-25%
Water	7732-18-5	60-100%

*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 CFR372.

SECTION 4 — FIRST AID MEASURES

Emergency and First Aid Procedures:

Eye Contact:	Flush eyes with water for 15 minutes. Contact a physician.
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.

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SECTION 5 — FIREFIGHTING MEASURES

Proper Extinguishing Media:	N/A
Unsuitable Extinguishing Methods:	N/A
Protective Equipment & Precautions:	Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOAH-approved) and full protective gear.
Flash Point (Method Used):	N/A
Flammable Limits:	N/A
Special Fire Fighting Procedures:	None required.
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:	Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.
Waste Disposal Method:	For discard this is a hazardous waste. RCRA #D-002 (corrosive): reportable quantity 1 lb. (CERCLA [Superfund] Sec. 103) Incinerate the solids and the contaminated diking material according to local, state, and federal regulations.

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 - Min. 1°C/34°F Other Precautions: Keep from freezing – product may coagulate.

SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Hazardous Ingredients:	*CAS No.*	*TLV-value*
Ethanol, 2 Amine*	141-43-5	3 ppm
Glycol Ether*	111-76-2	25 ppm
Isopropanol*	67-63-0	400 ppm
Water	7732-18-5	NE

Control Parameters:	TLV-valve 3 ppm maximum for Monoethanolamine
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, use the proper hand eye protection and other protective items listed in this section.
Respiratory Protection *(Specify Type):*	Wear MSHA/NIOSH-approved respirator where exposure limits are exceeded.
Hand Protection:	Impervious/Neoprene Gloves
Eye Protection:	Chemical Splash Goggles as defined in ANSI Z-87.1 or a similar standard.
Other Protective Clothing or Equipment:	Eyewash station
Work/Hygienic Practices:	Wash hands before eating, smoking, or using washroom facilities

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SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	Clear, pink liquid
Odor:	Mild odor
Boiling Point:	>212°F (100°C)
Melting Point:	0°C
Specific Gravity (H_2O = 1):	1.0 - 1.2
Solubility in Water:	Dilutable
pH:	10.0-11.0
Flash Point:	Noncombustible
Flammability Limits: (vol. % in air)	N/A
Vapor Pressure (mm Hg):	17
Vapor Density (air=1):	<1
Density at 20°C:	N/A
Flammability:	Classification according to EC-regulations “non-flammable”
Ignition Temperature:	N/A
Evaporation Rate:	N/A

SECTION 10 — STABILITY AND REACTIVITY

Hazardous Polymerization:	N/A
Hazardous Decomposition/Byproducts:	Thermal decomposition may yield carbon monoxide, carbon dioxide, and nitrogen oxides.
Incompatibility *(Materials to Avoid):*	Avoid contamination with strong acids, bases, and oxidizing agents.
Stability/Reactivity:	Stable product at normal conditions.
Conditions to Avoid:	Temperatures above 49°C/120°F and below 1°C/34°F

SECTION 11 — TOXICOLOGICAL INFORMATION

Ethanol, 2 Amine (141-43-5)

Draize test, rabbit, eye: 250 ug Severe; Oral, mouse: LD50 = 700 mg/kg;
Oral, rabbit: LD50 = 1 gm/kg; Oral, rat: LD50 = 1720 mg/kg; Skin, rabbit: LD50 = 1 mL/kg;

Ethylene Glycol Monobutyl Ether (111-76-2)

Acute Toxicity:

Ingestion	**Skin Absorption**	**Inhalation**
LD50, Guinea Pig 1,400 mg/kg	LD50, Rat, 2,270 mg/kg	LC50, 7 h, Vapor, Rat 700 ppm
LD50, Rat, male 1,746 mg/kg	LD50, Rabbit 99-610 mg/kg	
	LD50 Guinea Pig > 2,000 mg/kg	

Isopropanol (67-63-0)

Oral LD50; 5045 mg/kg (RAT), Dermal LD50; 5030. 7900 mg/kg (Rabbit),

Inhalation: LC50; 16000 ppm, 4 h (RAT).

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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:	Coagulate the emulsion by the stepwise of Ferric Chloride and Lime. Incinerate the solids and the contaminated diking material according to local, state, and federal regulations.
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
Risk-Phrase:	(R22): Harmful if swallowed (R36/38): Irritating to eyes and skin,
Safety-Phrase:	(S1/2): Keep locked up and out of the reach of 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, (S46): If swallowed, seek medical advice immediately and show this container or label, (S62): If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
EU Classification: (67/548/EEC-88/379/EEC):	This product does not have to be classified according to the EU Regulations
EINECS Status:	All components are included in the EINECS inventories.
TSCA:	All ingredients of this product are listed or are excluded form the listing on the U.S. Toxic Substance Control ACT (TSCA) Chemical Substance inventory.
REACH:	This product does not require REACH registration.

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SECTION 16 — OTHER INFORMATION

HMIS RATING: Health 2, Flammability 0, Physical Hazard 0, Personal Protection B

NFPA RATING: Special Hazard 0, Health 3, Flammability 2, Reactivity 0

Date of last revision: 2009-06-22

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N/A = Not Applicable; NE = None Established

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