

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. metres per litre) 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.

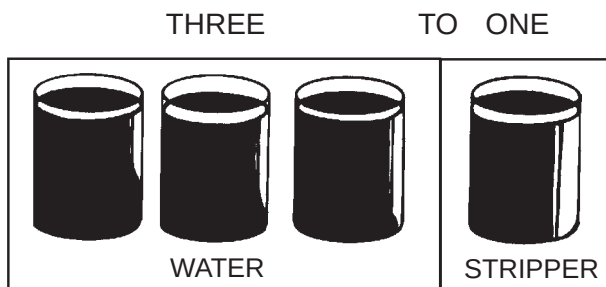


Figure 2. Statguard® Low Residue Floor Stripper mix ratio with hot water

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.

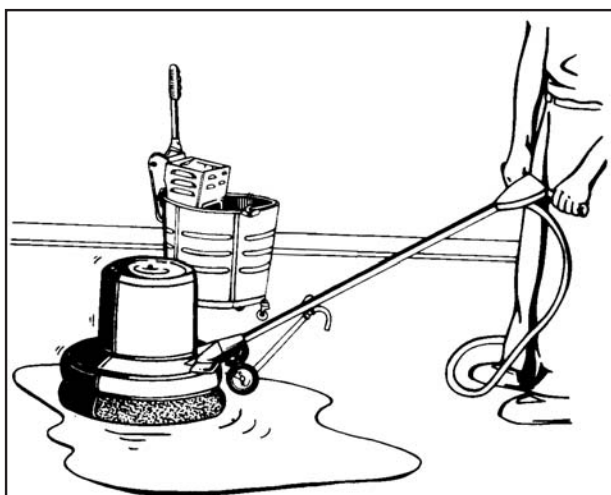


Figure 4. Applying the Statguard® Low Residue Floor Stripper with a scrubbing machine

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 to 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

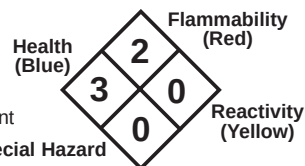
In no event will Desco Industries Inc. or any seller be responsible or liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, users shall determine the suitability of the product for their intended use, and users assume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

Material Safety Data Sheet

Material Safety Data Sheet maybe used to comply with
EC, according to 91/155EC and ANSI Standard Z400.1-1998
Date: October 20, 2004

NFPA Designation 704

Degree of Hazard
4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant



STATGUARD® LOW RESIDUE FLOOR STRIPPER

1. DENTIFICATION OF THE PRODUCT and OF THE ENTERPRISE

Chemical name: Floor Finish Stripper
Manufacturer: Desco Industries Inc.
90 Hudson Road
Canton, MA 02021
U.S.A.

Emergency Phone: (781) 821-8370
Fax: (781) 575-0172

2. INFORMATION ON INGREDIENTS/COMPOSITION

Ingredients	Weight	CAS-No.	TLV-value	Classification 67/548/EEC
Ethanol, 2 Amine*	5-25	141-43-5	3 ppm	Xn; R20/21/22, C; R34
Glycol Ether*	5-25	111-76-2	25 ppm	Xn; R20/21/22, Xi R36/38
Isopropanol*	5-25	67-63-0	400ppm	F; R11, Xi; R36,R67
Diethanolamine	0-5	111-42-2	3ppm	Xn; R22- 48/22, Xi R38-41
Water	60-100	7732-18-5	NE	

*These items are listed on the SARA Title III Section 313 Inventory

HMIS Rating	Health	3	Reactivity	0
	Flammability	1	Personal Protection	B

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

Eye Contact	Flush eyes with water for 15 minutes. Contact 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.

5. EXTINGUISHING MEASURES

Proper Extinguishing Media	Not Applicable
Protective Clothing	Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOAH-approved) and full protective gear

6. MEASURES TO EXPOSURE OF PRODUCT

Personal Precautions	Wearing protective clothing. Inhalation protection. Extinguish all ignition sources.
Environmental Precautions	Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.
Cleaning Procedures	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.

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 Keep from freezing-product may coagulate

8. EXPOSURE CONTROL/PERSONAL EXPOSURE

Control Parameters	TLV-value 3 ppm maximum for Monoethanolamine
Other Regulations	None
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	Wear MSHA/NIOSH approved respirator where exposure limits are exceeded
Hand Protection	Impervious/Neoprene Gloves
Eye Protection	Chemical Splash Goggles (ANSI Z-87.1)
Other Protective Equipment	Eyewash station
Work/Hygienic Practices	Wash hands before eating, smoking, or using washroom facilities

N/A = Not Applicable; NE = None Established

DESCO INDUSTRIES INC. • 3651 Walnut Avenue, Chino, CA 91710 • (909) 627-8178 • Fax (909) 627-7449 • Web Site: DescoIndustries.com

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Color	Clear, pink liquid
Smell	mild odor
pH	10.0-11.0
Boiling Point at °C	212°F (100°C)
Melting Point at °C	0°C
Flash Point at °C	Noncombustible
Inflammability Limits (vol.% in air)	N/A
Solubility in water	Dilutable
Vapor Pressure (mmHg)	17
Vapor Density (air=1)	<1
Density at 20°C	N/A
Specific Gravity (H2O=1)	1.0-1.2
Inflammability	Classification according to EC-regulations "non-flammable"
Ignition Temperature	N/A
Evaporation Rate	N/A

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

All information refers to the main component Monoethanolamine

Acute toxicity	None Known
Special Effect	None Known

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

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	Nonregulated

14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Physical/Chemical Indication	Non-flammable
Risk Phrase	(R20/21/22): Harmful by inhalation, in contact with skin and if swallowed. (R34): Causes burns. (R36/38): Irritating to eyes and skin. (R11): Highly flammable. (R36): Irritating to eyes. (R67): Vapours may cause drowsiness and dizziness. (R22): Harmful if swallowed. (R38): Irritating to skin. (R41): Risk of serious damage to eyes. (R48/22): Harmful: danger of serious damage to health by prolonged exposure if swallowed.
Safety Phrase	(S2): keep away from children, (S7): keep containers well closed, (S24/25): avoid contact with skin and eyes, (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 from the listing on the U.S. Toxic Substance Control Act (TSCA) Chemical Substance inventory.

16. OTHER INFORMATION

Further Information	None Known
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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.