

# Statguard® Low Residue Floor Stripper Application Instructions



Made in the United States of 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® 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.

## 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. Mix Statguard® Low Residue Floor Stripper with warm water. Please see the below chart to find the accurate ratio for your floor.

Gallons of Statguard® Stripper Concentrate	Gallons of Dilution (Water)	Total sq.ft covered	Sq. m. per Liter	Statguard® Floor Finish Build up
1	5	600	14.7	Light to Medium
1	1	200	4.9	Heavy
1	0.5	100	2.5	Heavy Aged



Figure 2. Applying the Statguard® Low Residue Floor Stripper with a cotton mop

1. 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.
2. Using a scrubbing machine at 175 RPM, and a synthetic pad (green to black), scrub the area to be stripped.
3. Clean area using hot water and the same cotton mop.
4. Reapply Statguard® Low Residue Floor Stripper, repeat steps 3-5.
5. Rinse area TWICE using hot water and a clean mop.
6. Using a wet vacuum or mop, remove rinse water from floor.

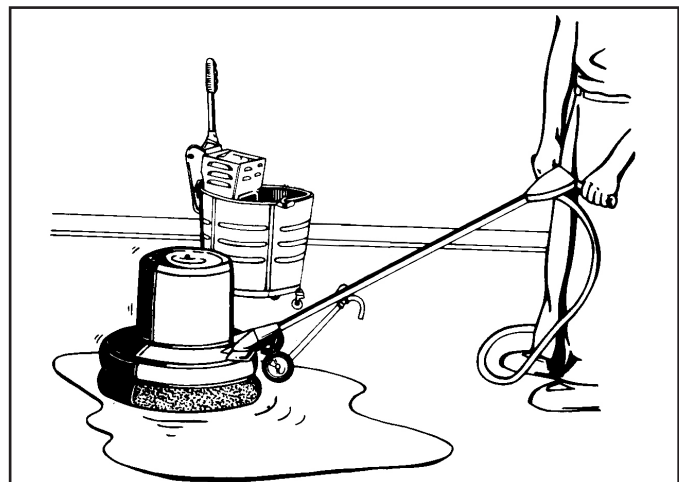


Figure 3. Applying the Statguard® Low Residue Floor Stripper with a scrubbing machine

## Physical Properties

pH	10 - 11
% Solids	2%
Density at 70%	8.38 lbs/gal (1 kg/L)
Color	Light red
Solubility in Water	100%
% Volatile by wt.	98%
VOC% at 5:1 (per method 310)	3%*
VOC% at 1:1 (per method 310)	9%*

## 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. The floor pH should be pH 7.0 (neutral) before applying any Statguard® finish. If after rinsing and the floor pH is still above pH 7 we recommend using our neutralizer part number [46022](#).

## Storage

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 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 Desco Industries RoHS, REACH, and Conflict Minerals Statement:

[DescoIndustries.com/ROHS.aspx](https://DescoIndustries.com/ROHS.aspx)

### Desco Industries Limited Warranty

See Desco Industries Limited Warranty:

[DescoIndustries.com/Warranty.aspx](https://DescoIndustries.com/Warranty.aspx)

Statguard® Low Residue Floor Stripper is available from these Desco Industries brands:

## DESCO

for service and support in North America

2.5 Gallons [10441](#)

5.0 Gallons [10442](#)

### STATGUARD FLOORING

for service and support in North America

2.5 Gallons [46020](#)

5.0 Gallons [46021](#)

## DESCO EUROPE

for service and support in United Kingdom and Europe

10 Litres [220523](#)

## DESCO ASIA

for service and support in Asia

10 Liters [10441](#)

20 Liters [10442](#)

## SAFETY DATA SHEET

May be used to comply with OSHA Hazcom 29 CFR 1910.1200, Regulation (EU) 2015/830 and Japan JIS 7253-2012). Standards must be consulted for specific requirements.

Revision Date: 2018-05-02

### SECTION 1 — IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifiers

Product Name: Statguard® Low Residue Floor Stripper  
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: Floor Stripper

#### 1.3 Details of the supplier of the safety data sheet

Supplier: DESCO INDUSTRIES INC

##### United States

One Colgate Way  
Canton, MA 02021  
+1 781-821-8370

##### United Kingdom

2A Dunhams Lane  
Letchworth Garden City  
Hertfordshire, SG6 1BE  
+44 (0) 1462 672005

##### Japan

661-1 Yachimata-ho  
Yachimata-Shi  
Chiba-Ken 289-1115  
+81 43-309-4470

Email Address: [Service@DescoIndustries.com](mailto:Service@DescoIndustries.com)

#### 1.4 Emergency telephone number

United States: +1 781-821-8370  
United Kingdom: +44 (0) 1462 672005  
Japan: +81 43-309-4470

Office hours: 8:00 AM - 5:00 PM

### SECTION 2 — HAZARDS IDENTIFICATION

#### 2.1 Classification of substance or mixture

Classification according to OSHA Hazcom 29 CFR 1910.1200, Regulation (EC) No 1272/2008, JIS 7252-2014

Acute Toxicity (Oral)	Category 4
Acute Toxicity (Inhalation)	Category 4
Acute Toxicity (Dermal)	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage	Category 2
Specific Target Organ Toxicity (Single Exposure)	Category 3 (Respiratory system)
Acute aquatic toxicity	Category 3

#### 2.2 Label elements

Labelling according to OSHA Hazcom 29 CFR 1910.1200, Regulation (EC) No 1272/2008, JIS 7252-2014

Hazard pictograms/Symbols: Corrosion.  
Signal word: Danger  
Hazard statements: H302 Harmful if swallowed.  
H312 Harmful if contact with skin.  
H332 Harmful if inhale.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

**Prevention**

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
P264 Wash skin thoroughly after handling.

**Response**

P305 + P351 + P338 + P337 + P313 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 + P312 + P330 + P331 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. Do NOT induce vomiting.  
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.

**Storage**

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

**Disposal**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**

None known

**SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2 Mixture**

Components	CAS No.	%wt.	Classification
Monoethanolamine	141-43-5	5 - 25%	<b>OSHA 29CFR 1910.1200:</b> Acute toxicity - Category 4 - Oral Acute toxicity - Category 4 - Inhalation Acute toxicity - Category 4 - Dermal Skin corrosion - Category 1 Serious eye damage - Category 1 STOT SE - Category 3 (respiratory system) Acute aquatic toxicity - Category 3 Chronic aquatic toxicity - Category 3 <b>Reg. (EC) No. 1272/2008:</b> Acute toxicity - Category 4 - Oral Acute toxicity - Category 4 - Inhalation Acute toxicity - Category 4 - Dermal Skin corrosion/irritation - Category 1B STOT SE - Category 3 <b>JIS 7252-2014:</b> Flammable liquids - Category 4 Acute toxicity - Category 4 - Oral Skin corrosion/irritation - Category 1B Serious eye damage/eye irritation - Category 1 Acute aquatic toxicity (acute) - Category 2 Acute aquatic toxicity (long-term) - Category 3
2-Butoxyethanol	111-76-2	5 - 25%	<b>OSHA 29CFR 1910.1200:</b> Flammable liquids - Category 4 Acute toxicity - Category 4 - Oral Acute toxicity - Category 4 - Inhalation Acute toxicity - Category 4 - Dermal Skin irritation - Category 2 Eye irritation - Category 2A

			<p><b>Reg. (EC) No. 1272/2008:</b>          Acute toxicity - Category 4 - Oral          Acute toxicity - Category 4 - Inhalation          Acute toxicity - Category 4 - Dermal          Skin irritation - Category 2          Eye irritation - Category 2A</p> <p><b>JIS 7252-2014:</b>          Flammable liquids 4          Acute toxicity - Category 4 - Oral          Acute toxicity - Category 4 - Inhalation          Acute toxicity - Category 4 - Dermal          Skin corrosion/irritation - Category 2          Serious eye damage/eye irritation - Category 2A          Reproductive toxicity - Category 2          STOT SE - Category 3 (narcotic effects)          STOT RE - Category 1 (blood system)</p>
Isopropanol	67-63-0	1 - 5%	<p><b>OSHA 29CFR 1910.1200:</b>          Flammable liquids - Category 2          Acute toxicity - Category 4 - Oral          Skin corrosion/irritation - Category 3          Serious eye damage/eye irritation - Category 2A          STOT SE - Category 3 (narcotic effects)</p> <p><b>Reg. (EC) No. 1272/2008:</b>          Flammable liquids - Category 2          Serious eye damage/eye irritation - Category 2          STOT SE - Category 3</p> <p><b>JIS 7252-2014:</b>          Flammable liquids - Category 2          Serious eye damage/eye irritation - Category 2          Reproductive toxicity - Category 2          STOT SE - Category 3 (central nervous system, systemic toxicity)</p>
Cocoamide DEA	68603-42-9	1 - 5%	<p><b>OSHA 29CFR 1910.1200:</b>          Skin Corrosion/Irritation - Category 2          Serious eye damage/eye irritation - Category 1</p> <p><b>Reg. (EC) No. 1272/2008:</b>          Skin Corrosion/Irritation - Category 2          Serious eye damage/eye irritation - Category 1</p> <p><b>JIS 7252-2014:</b>          Skin Corrosion/Irritation - Category 2          Germ cell mutagenicity - Category 2          Carcinogenicity - Category 2          STOT RE - Category 2 (thyroid, liver, kidney)</p>

**SECTION 4 — FIRST AID MEASURES**

**4.1 Description of first aid measures**

General Advice	<p>Move out of dangerous area.          Consult a physician.          Show this safety data sheet to the doctor in attendance.          Do not leave the victim unattended.</p>
Eye Contact	<p>Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.</p>
Skin Contact	<p>Take off immediately all contaminated clothing. Rinse skin with water shower. Wash with plenty of soap and water. If irritation occurs: Get medical advice/attention.</p>

Ingestion	Rinse mouth with water and drink afterwards plenty of water. Keep respiratory tract clear. Do NOT induce vomiting. Do NOT give anything by mouth to an unconscious person. Call a POISON CENTER.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

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

No further relevant information available.

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

No further relevant information available.

### SECTION 5 — FIRE FIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and surrounding environment.
Unsuitable Extinguishing Methods	High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

Combustion may produce carbon oxides (CO, CO<sub>2</sub>) and nitrogen oxides (NO, NO<sub>2</sub>...).

#### 5.3 Advice for firefighters

Move containers from fire area if it can be done without risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. 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

Wear protective clothing. Inhalation protection. Extinguish all ignition sources.

#### 6.2 Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

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

Small Spills: Absorb spill with an inert material such as clay. Collect material and properly dispose.

Large Spills: Corrosive liquid. Keep away from heat. Stop leak if without risk. Absorb with DRY earth, sand, or clay. Do not get water inside container. Do not touch spilled material. Use water spray curtain to divert vapor drift. Prevent entry into sewers, basements or confined areas. Call for assistance on disposal.

#### 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

Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not ingest. Do not breathe gas/fumes/vapor/spray. In case of insufficient ventilation, wear suitable respiratory equipment. Containers, even though that have been emptied, can contain vapors. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

#### 7.2 Conditions for safe storage, including any incompatibilities

Handling temperature: Ambient  
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

Hazardous Ingredients	ACGIH TLV	OSHA PEL	NIOSH IDLH
<b>Monoethanolamine</b> 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m <sup>3</sup> (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m <sup>3</sup> (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m <sup>3</sup>	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m <sup>3</sup> STEL: 6 ppm STEL: 15 mg/m <sup>3</sup>
<b>2-Butoxyethanol</b> 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup>	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
<b>Isopropanol</b> 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWAL 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

### 8.2 Exposure controls

Engineering Controls

Showers, Eyewash stations & ventilation systems.

#### Individual protection measures

##### Eye/Face Protection

Wear safety glasses with side shields (or goggles). Wear a face shield if splashing hazard exists.

**For EU:** Safety glasses (with side shields) should be consistent with EN 166 or equivalent.

##### Skin Protection

No special technical protective measures are necessary. Wear protective gloves and protective clothing. Prolonged contact may cause redness and irritation. Wear protective gloves and protective clothing if needed.

##### Hand Protection

Chemical protective gloves is not needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized. In case of using gloves, use gloves chemically resistant to this material. Examples of preferred glove barrier materials include: Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). Avoid gloves made of: Polyvinyl alcohol ("PVA").

**For EU:**

In case of using gloves, use chemical resistant gloves classified according to standard SS-EN 374: Protective gloves against chemical and microorganisms.

In case of prolonged contact or repeated contact, it is recommended gloves with protection index grade 4 or higher (breakthrough time longer than 120 minutes according to standard SS-EN 374).

When only short-term contact is expected, it is recommended gloves with protective index class 1 or higher (breakthrough time longer than 10 minutes according to standard SS-EN 374).

##### Respiratory Protection

For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. In the case of vapor formation use a respirator with an approved filter. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process.

**For EU:** Use the following CE-approved filters: Filters against organic gases with prefilter to particles, type AP2.

## Hygiene measures

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off all contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection.

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## SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance:	Liquid
Color:	Clear pink
Odor:	Milk odor
Odor Threshold:	Not Applicable
pH:	10.0 - 11.0
Melting Point:	0°C
Boiling Point:	>212°F (100°C)
Flash Point:	<93°C (199.4°F), > 60°C (140°F)
Evaporation rate:	No data available
Flammability:	Flammable
Upper flammability or explosive limits:	No data available
Lower flammability or explosive limits:	No data available
Vapor Pressure (mm Hg):	17.0
Vapor Density (air=1):	<1
Relative Density:	8.38 lbs/gal (1 kg/L) at 70%
Specific Gravity (H2O = 1) :	1.0 - 1.2
Solubility:	Dilutable
Partition coefficient:	Not Applicable
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available

### 9.2 Other information

VOC % at 5:1 (per method 310):	3%*
VOC % at 1:1 (per method 310):	9%*

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

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## SECTION 10 — STABILITY AND REACTIVITY

### 10.1 Reactivity

No reactive under normal conditions.

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal processing. Hazardous polymerization does not occur.

### 10.4 Conditions to avoid

Temperatures above 120°F (49°C) and below 34°F (1°C). Avoid heat, flame and ignition sources.

### 10.5 Incompatible materials

Avoid contamination with amines, ammonia, strong acids, bases and oxidizing agents.

### 10.6 Hazardous decomposition products

Thermal decomposition may yield carbon monoxide, carbon dioxide, and nitrogen oxides. Can also produce Aldehydes, Ketones, and Organic acids.



## SECTION 11 — TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Information on lifely routes of exposure:

Product Information	Harmful by inhalation, ingestion, in contact with eyes and skin
Inhalation	Avoid breathing vapors or mists. Inhalation of vapors in high concentration may cause irritation of respiratory system.
Eye contact	Avoid contact with eyes. Corrosive to the eyes and may cause severe damage including blindness.
Skin contact	Avoid contact with skin. May cause severe irritation or burns to the skin. Prolonged or repeated contact may cause absorption to the skin.
Ingestion	Do not taste or swallow. May be harmful if swallowed.

#### Acute Toxicity:

Ingredients	Acute Toxicity	Species	Test Result
<b>Ethanolamine</b> CAS No.: 141-43-5	Oral	-	LD50 = 1,090 mg/kg
	Inhalation	-	LC50 = 11.01 mg/l, 4HRS
	Dermal	Rabbit	LD50 = 2,504 mg/kg
<b>Ethylene glycol monobutyl ether</b> CAS No.: 111-76-2	Oral	Guinea Pig	LD50 = 1,414 mg/kg
	Dermal	Guinea Pig	LD50 > 2,000 mg/kg
	Inhalation	Guinea Pig	LC50 > 3.1 mg/l (> 64 ppm, 1 HR)
<b>Isopropanol</b> CAS No.: 67-63-0	Dermal	Rabbit	LD50 = 12800 mg/kg
	Oral	Dog	LD50 = 4797 mg/kg
		Mouse	LD50 = 3600 mg/kg
		Rabbit	LD50 = 6410 mg/kg
		Rat	LD50 = 5045 mg/kg
	Other	Mouse	LD50 = 1509 mg/kg
Rat		LD50 = 1099 mg/kg	

#### Information on physical, chemical and toxicological effects

Symptoms: Please see section 4 of this SDS for symptoms.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

##### Carcinogenicity

Isopropyl Alcohol (IPA) is listed as an IARC Monograph Group 3 chemical. However, IARC Group 3 chemicals are "not classifiable as human carcinogens". IPA is classified as an IARC Group 1 chemical ONLY when manufactured by the strong-acid process. The IPA used in this product is NOT manufactured by the strong-acid process and is therefore not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
<b>2-Butoxyethanol</b> 111-76-2	A3	Group 3		
<b>Isopropanol</b> 67-63-0		Group 3		X

#### Legend

##### ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

##### IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

##### OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

## SECTION 12 — ECOLOGICAL INFORMATION

### 12.1 Toxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
<b>Monoethanolamine</b> 141-43-5	15: 72 h Desmodesmus subspicatus mg/L EC50	227: 96 h Pimephales promelas mg/L LC50 flow-through 3684: 96 h Brachydanio rerio mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	65: 48 h Daphnia magna mg/L EC50
<b>2-Butoxyethanol</b> 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
<b>Isopropanol</b> 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus ug/L LC50	13299: 48 h Daphnia magna mg/L EC50

**12.2 Persistence and degradability** Not determined

**12.3 Bioaccumulative potential** Not determined

### 12.4 Mobility in soil

Chemical Name	Partition Coefficient
<b>Monoethanolamine</b> 141-43-5	-1.91
<b>2-Butoxyethanol</b> 111-76-2	0.81
<b>Isopropanol</b> 67-63-0	0.05

**12.5 Results of PBT and vPvB assessment** Not determined

**12.6 Other adverse effects** Not determined

**12.7 Additional Information** None

## SECTION 13 — DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Product

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of as hazardous waste in compliance with local and national regulations.

Container Disposal

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

13.2 Additional information N/A

**SECTION 14 — TRANSPORT INFORMATION**

DOT (Department of Transportation) Not regulated for transport  
Classification for SEA transport (IMO-IMDG) Not regulated for transport  
Classification for AIR transport (IATA/ICAO) Not regulated for transport

14.1 UN Number None

14.2 UN proper shipping name None

14.3 Transport hazard class(es) None

14.4 Packing group None

14.5 Environmental hazards None

14.6 Special precautions for user None

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

Consult IMO regulations before transporting ocean bulk.

**SECTION 15 — REGULATORY INFORMATION**

**International Inventories at CAS# Level**

All components of this product are listed on the following inventories: USA (TSCA), Canada (DSL/NDSL), EU (EINECS), Japan (ISHL)

**US Regulations:**

**Superfund Amendment and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986)**

**Section 302 and 303** No chemicals in this product are subject to the reporting requirements of Section 302.

**Section 304** This product does not contain any components with a section 304 Reportable Quantity (RQ).

**Section 311 and 312** Immediate health hazard

**Section 313**

Ingredient(s)	CAS No.	Weight %
Monoethanolamine	141-43-5	5 - 25%
2-Butoxyethanol	111-76-2	5 - 25%
Isopropanol	67-63-0	1 - 5%

**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
Monoethanolamine	141-43-5	X	X	X
2-Butoxyethanol	111-76-2	X	X	X
Isopropanol	67-63-0	X	X	X

**EU Regulations:**

**REACH** Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals. As of 2012-09-27 Desco Industries Inc. has completed an assessment of all of our products and is not under any obligation to register.

**Canada Regulations:**

**WHIMIS**

Canada hazard class: Non-controlled. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**15.2 Chemical Safety Assessment** N/A

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**SECTION 16 — OTHER INFORMATION**

HMIS RATING

Health: 2, Flammability: 2, Reactivity: 0, Personal Protection B

NFPA RATING

Special Hazard: N/A, Health: 2, Flammability: 2, Instability: 0

**SDS Updated**

**2018-05-02**

**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.