

GEOSSEN Heavy Duty Escalator Handrail Cleaner (RTU)

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Heavy Duty Escalator Handrail Cleaner (RTU)
SDS Number: 88053 (SB-RTU)
Revision Date: 8/13/2015
Product Description: Escalator Handrail Cleaner
Product Use: Handrail cleaning
Supplier Details: The GEOSSEN Group LLC
2442 Market St. NW 209
Seattle WA 98107
Emergency: 1-800-535-5053
Phone: 206-355-7458
Web: GEOSSEN.net

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
Health, Skin corrosion/irritation, 3

GHS Label elements, including precautionary statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:

no GHS pictograms indicated for this product

GHS Hazard Statements:

H316 - Causes mild skin irritation

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P103 - Read label before use.
P281 - Use personal protective equipment as required.
P301 - IF SWALLOWED: May cause gastrointestinal irritation.
P302 - IF ON SKIN: Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.
P304 - IF INHALED: Remove to fresh air.
P305 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.

Hazards not otherwise classified (HNOC) or not covered by GHS

CLASSIFICATION SYSTEM: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.
NFPA ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0
HMIS ratings (scale 0-4): Health = 1, Fire = 0, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
68585-34-2	.25-1%	Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, c10-16-alkyl ethers, sodium salts
34590-94-8	.25-1%	Dipropylene glycol methyl ether

The exact percentage (concentration) of composition has been withheld as a trade secret.

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4 FIRST AID MEASURES

Inhalation: Not considered dangerous.

Skin Contact: Prolonged or repeated and confined exposure may cause skin irritation. Wash contaminated clothing and footwear before reuse.

Eye Contact: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists consult medical personnel.

Ingestion: Swallowing may cause gastrointestinal irritation. If irritation persists consult medical personnel.

5 FIRE FIGHTING MEASURES

Flammability: Not flammable

Flash Point: N/A

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA: Water

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with a full face piece operated in a pressure demand or other positive pressure mode.

6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb liquid on paper, vermiculite, floor absorbent or other absorbent material and transfer to labeled containers.

LARGE SPILL: Stop spill at source, dike area of spill to prevent spreading, pump liquid into salvage tank. Remaining liquid may be taken up on sand, clay, floor absorbent or other absorbent material and shoveled into labeled containers.

WASTE DISPOSAL METHOD: Review Federal, Provincial and Local Government requirements prior to disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Exercise care and caution. Store in cool dry place.

OTHER PRECAUTIONS: Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid and/or solids), all hazard precautions given in the data sheet must be observed.

7 HANDLING AND STORAGE

Handling Precautions: Keep material out of reach of children.

Storage Requirements: Store in cool/dry area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: None

Personal Protective Equipment:

RESPIRATORY PROTECTION: If TLV of the product or component is exceeded, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified condition.

Ventilation: Provide general or mechanical ventilation or local exhaust to keep vapor concentrations below TLV of materials in section 2 and LEL in section 9.

SKIN PROTECTION: Use impermeable gloves to prevent skin contact. Use head caps, boots, chemical aprons when necessary.

EYE PROTECTION: Use safety eyewear designed to protect eyes against liquid splash and mists. Consult your safety equipment supplier.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use protective clothing to prevent skin contact. Use head caps, boots, chemical aprons when necessary.

WORK/HYGIENIC PRACTICES: Eyewashes and safety showers in the workplace are recommended. Wash hands after using. Monitor exposure levels.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear	Odor:	Mild
Physical State:	Liquid	Solubility:	100% in water
Odor Threshold:	No data available	Freezing/Melting Pt.:	No data available
Spec Grav./Density:	1	Flash Point:	No data available
Viscosity:	No data available	Vapor Density:	No data available
Boiling Point:	No data available	Auto-Ignition Temp:	No data available
Flammability:	None	UFL/LFL:	No data available
Partition Coefficient:	No data available		
Vapor Pressure:	No data available		
pH:	No data available		
Evap. Rate:	No data available		
Decomp Temp:	No data available		

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable under normal conditions.		
Chemical Stability:	Product is stable under normal conditions.		
Conditions to Avoid:	N/A		
Materials to Avoid:	Strong Oxidizing Agents, Acids.		
Hazardous Decomposition:	Not known.		
Hazardous Polymerization:	Will	not	occur.

11 TOXICOLOGICAL INFORMATION

Dipropylene glycol methyl ether (34590-94-8) [.25-1%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 5,152 mg/kg

Inhalation LC50 no data available

Dermal LD50

Other information on acute toxicity

Skin corrosion/irritation: Serious eye damage/eye irritation:

Eyes - rabbit - Mild eye irritation - 24 h

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):

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no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: JM1575000

12 ECOLOGICAL INFORMATION

Dipropylene glycol methyl ether (34590-94-8) [.25-1%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - > 10,000 mg/l - 96h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 1,919 mg/l - 48h.

and other aquatic invertebrates

Persistence and degradability: Biodegradability

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

13 DISPOSAL CONSIDERATIONS

Waste Disposal Method: Review Federal, Provincial and Local Government requirements prior to disposal.

14 TRANSPORT INFORMATION

Non-hazardous for air, sea and road freight.

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15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts (68585-34-2) [.25-1%] TSCA

Dipropylene glycol methyl ether (34590-94-8) [.25-1%] MASS, OSHAWAC, PA, TSCA, TXAIR

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

16 OTHER INFORMATION

HMIS III: Health = 1, Fire = 0, Physical Hazard = 0

HMIS PPE: B - Safety Glasses, Gloves

HMIS		
HEALTH	1	
FLAMMABILITY	0	
PHYSICAL HAZARD	0	
PERSONAL PROTECTION	B	



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ISSUE DATE: 08/04/15

REVISION DATE: 08/13/15

REVISIONS: Section 11