

Safety Data Sheet

GEOSEN Maintenance & Conditioner Cleaner for Escalator Handrails (RTU)

REVISED: 08/14/15

SECTION 1- PRODUCT IDENTIFICATION
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PRODUCT IDENTIFIER

PRODUCT NAME:.....GEOSEN Maintenance & Conditioner Cleaner for Escalator Handrails (RTU)

PRODUCT CODE:88052 (SCR50-RTU)

SYNONYMS:.....Product is a mixture: No synonyms are available.

PRODUCT USE:.....industrial uses.

RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:

RECOMMENDED USE:..... Maintenance cleaning and conditioning of handrails.

USES ADVISED AGAINST:.....Use only as stated on label

SUPPLIER:The GEOSEN Group LLC.

SUPPLIER'S ADDRESS:.....2442 Market Street NW 209, Seattle WA 98107

EMERGENCY RESPONSE NUMBER:..1-800-535- 5053.

This Safety Data Sheet is authored according to information that was provided by the raw material manufactures. It is based on the straight raw materials and not on the diluted formula strength, as data is not available at this time on compounded formulations. This information does not exempt the end user from the responsibility of executing their own testing.

SECTION 2 – HAZARD IDENTIFICATION
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CLASSIFICATION SYSTEM:NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme.

NFPA ratings (scale 0-4):Health = 0, Fire = 0, Reactivity = 0

HMIS ratings (scale 0-4):Health = 0, Fire = 0, Reactivity = 0

LABEL ELEMENTS:The product is classified and labeled according to the Globally Harmonized System (GHS).

HAZARD PICTOGRAMS:no GHS pictogram indicated for this product

SIGNAL WORD:None

PHYSICAL HAZARD STATEMENT:....None known

HEALTH HAZARD STATEMENT: H320: Causes eye irritation

 H402: Harmful to aquatic life

PRECAUTIONARY STATEMENTS:P102: Keep out of reach of children.

 P103: Read label before use.

 P280 Wear protective gloves/protective clothing/eye protection/face protection.

 P264 Wash thoroughly after handling.

 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

 P362 Take off contaminated clothing and wash before reuse.

 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

 P337 + P313 If eye irritation persists: Get medical advice/attention.

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization:Mixtures

Description:Mixture of the substances listed below with nonhazardous additions.

COMPONENT	PERCENT	CAS #	EC #	Trade Secret
Ethoxylated Fatty Alcohol	.1-.5	24938-91-8	2539620	*
Dimethylpolysiloxane Mixture	.1-.5	63148-62-9	Unlisted	*
Water with non-hazardous trace elements	Balance	7732-18-5	2317912	*

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

SECTION 4 – FIRST AID MEASURES

EYE CONTACT:Immediately flush eyes with water for at least 15 minutes. Hold eyelids open to ensure adequate flushing. Get medical attention if irritation persists.

SKIN CONTACT:.....Remove contaminated clothing and shoes. Wash affected skin area with soap and water.

SWALLOWING (INGESTION):.....Rinse mouth. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention if symptoms occur.

INHALATION:None known.

OTHER INSTRUCTIONS:.....Eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

SECTION 5 – FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA:Dry chemical, foam, water or carbon dioxide.

SPECIAL PROTECTIVE EQUIPMENT

AND PRECAUTIONS FOR FIRE FIGHTERS: In the event of a fire, wear a NIOSH (USA) or CEN (EU) approved, positive pressure, self-contained breathing apparatus (SCUBA) and full protective clothing. Evacuate all non-essential personnel from the danger area.

UNUSUAL FIRE AND

EXPLOSION HAZARDS:No further relevant information is available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT

AND EMERGENCY PROCEDURES: ...Restrict access to keep out unauthorized or unprotected personnel. Wear protective equipment. Avoid eye contact or walking in material as it will be slippery.

ENVIRONMENTAL PRECAUTIONS: .Keep spilled material away from sewage/drainage systems and waterways.

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METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP: All clean-up personnel must be properly trained. Confine the spill and remove incompatible materials. Ensure adequate ventilation. Secure the source of the leak if conditions are safe. Neutralize spill and collect using an appropriate absorbent material such as clay or vermiculite. Place waste in an appropriate container for disposal. Use care during clean-up to avoid exposure to the material and injury from broken containers. Dispose material in accordance with Federal, state and local environmental regulations

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Use with adequate ventilation. Wear proper protective equipment.
CONDITIONS FOR SAFE STORAGE: Do not freeze. Store in closed, properly labeled containers in cool dry space. Protect containers from freezing or physical damage, incompatible materials. Have emergency equipment for fires and spills readily available.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV (THRESHOLD LIMIT VALUE):The TLV in section in section III is the ACGIH/TLV-TWA (threshold limit value/time weighted average concentration for an eight hour work day). The STEL is the short term exposure limit and the (Ceil) is the ceiling limit.

COMPONENT	(USA)	OSHA PEL – TWA	ACGIH TLV-Ceiling	ACGIH – STEL
Alcohols, C12-14 Ethoxylated		100ppm:360mg/m ³ (skin)	20ppm:72mg/m ³ (skin)	Not Established
Other ingredients		Not Established	Not Established	Not Established

EYE PROTECTION:Wear chemical splash goggles or face shield.
SKIN PROTECTION:Minimize contact with product. Wear chemical resistant coveralls, boots, gloves, apron and/or suitable long-sleeved clothing.
RESPIRATORY PROTECTION:Not needed.
VENTILATION:Ensure adequate ventilation.
ADDITIONAL MEASURES:Emergency eyewash and safety shower facilities should be available in the immediate work area.
REQUIRED WORK/HYGIENE:Wash hands thoroughly after handling. Keep away from all food stuffs, beverages and feed. Do not eat, drink or smoke in work area.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:opaque liquid
ODOR:Mild odor
ODOR THRESHOLD:Not Available
pH:7 ± 0.25 As Is
MELTING POINT/FREEZING POINT: Not available
BOILING POINT:Not available
FLASHPOINT:Not applicable
EVAPORATION RATE:<1
FLAMMABILITY:Non flammable, non combustible
LOWER FLAMMABILITY LIMIT:Not applicable
UPPER FLAMMABILITY LIMIT:Not applicable

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VAPOR PRESSURE:Not Available
VAPOR DENSITY (AIR=1):Not determined
SPECIFIC GRAVITY:1
SOLUBILITY IN WATER:Soluble in water
PARTITION COEFFICIENT n-OCTANOL/WATER: Not Available
AUTOIGNITION TEMPERATURE:Not Available
DECOMPOSITION TEMPERATURE: .Not Available

SECTION 10 – STABILITY AND REACTIVITY

STABILITY:Stable under recommended storage conditions.
HAZARDOUS CONDITIONS TO AVOID: Strong oxidizing agents, acids.
INCOMPATIBLE MATERIALS:None known.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: ...Alcohols, C12-14 Ethoxylated

Acute Eye Irritation:Eye - eye irritation, rabbit. (100 mg, 24hr)
Acute Skin Irritation:slight skin irritation, rabbit. (500mg, 24hr)
Acute Dermal Toxicity:LD50 – rat >200-mg/kg.
Acute Respiratory Irritation:No test data found for product.
Acute Inhalation Toxicity:No test data found for product.
Acute Oral Toxicity:LD50, rat: 1 g/kg.
Chronic Toxicity:This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be "probable" or "suspected" human carcinogens.

TOXICOLOGICAL INFORMATION: ...Dimethylpolysiloxanes

Acute Dermal Toxicity:LD50 – rabbit >5000-mg/kg.
Acute Oral Toxicity:LD50, rat: 17000 mg/kg
Primary Route(s) of Exposure:Eye, skin contact
Potential Health Effects:None known.
Eye Contact:Can cause eye irritation.
Skin Contact:None known.
Inhalation:None known.
Ingestion:None known.

TOXICOLOGICAL INFORMATION: ...Remaining Mixture

Primary Route(s) of Exposure:Eye, skin contact
Potential Health Effects:None known.
Eye Contact:Can cause eye irritation.
Skin Contact:None known.
Inhalation:None known.
Ingestion:None known.
CARCINOGENICITY:The components of this product are not classified as carcinogenic by OSHA, NTP or IARC.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

SECTION 12 – ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION:.....mixture
ECOTOXICITY:Harmful to aquatic life
BIODEGRADABILITY:Not Available

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:This product must be disposed of in accordance with Federal, state and local environmental regulations. Discarded materials may be considered hazardous waste due to pH/corrosivity. It is the responsibility of the product user to determine at the time of disposal whether a material containing, or derived from this product, should be classified as a hazardous waste.

SECTION 14 – TRANSPORTATION INFORMATION

DOT/IMDG/ IATA PROPER SHIPPING NAME: Not Classified
HAZARD CLASS AND LABEL:Not Classified
UN NUMBER:.....Not Classified
PACKAGING GROUP:.....Not Classified
EPA REPORTABLE QUANTITY (RQ):
MARINE POLLUTANT:Not listed.
EMERGENCY RESPONSE GUIDE:.....Not Classified

SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION:
LISTED CARCINOGEN:Not listed.
TSCA STATUS:The ingredients of this product are listed on TSCA (Toxic Substances Control Act) inventory (40CFR 710.) Not regulated
SARA SECTION 302:None
SARA SECTION 311/312 HAZARD CLASS: Not available
SARA SECTION 313:Not listed
NFPA HEALTH:0
NFPA FLAMMABILITY:0
NFPA REACTIVITY:0

DOMESTIC SUBSTANCES LIST (DSL): Listed
INGREDIENT DISCLOSURE LIST:Listed

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

SECTION 16 – OTHER INFORMATION

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REFERENCES:The information contained herein has been compiled from sources believed to be reliable and accurate to the best of our knowledge at this date. It is provided without warranty, expressed or implied, as to the results of use of this information or to the product to which it relates. The GEOSEN Group LLC assumes no responsibility for injury to any person or property resulting from any use of the material. Each user assumes the risk in their use of this product and should review the data and recommendations in the specific context of their intended use.

IMDG:International Maritime Code for Dangerous Goods

DOT:US Department of Transportation

IATA:International Air Transportation Association

ACGIH:American Conference of Governmental Industrial Hygienists

NFPA:National Fire Protection Association (USA)

HMIS:Hazardous Materials Identification System (USA)

LC50:Lethal concentration, 50 percent

LD50:Lethal dose, 50 percent

TOST:Target Organ Systemic Toxicity

DATE PREPARED:07/20/15

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REVISIONS:section 2, HMIS scale typo

Note: Data for this SDS is based on a higher percentage of ingredients listed and may be subject to change as new data becomes available.