

Safety Data Sheet

REN

1550 Champagne Road

Ontario, Ca 91761

(916) 738-2000

1 Material and Supplier Identification

Product Name: **Tread Clean**

Recommended use of the chemical and restrictions on use: Escalator Cleaner
Use only for the purpose on product label.
This product is not intended to be used without prior dilution if specified on product label.

Supplier's Information: REN
1550 Champagne Road
Ontario, Ca 91761
(916) 738-2000

Emergency Telephone: (800) 255-3924 Chemtel 24 Hours

2 Hazards Identification

Classification of Mixture: SKIN IRRITATION CATEGORY 2
EYE IRRITATION CATEGORY 2B
ACUTE TOXICITY ORAL CATEGORY 4

Pictogram:

Signal Word: WARNING

Hazard Statements: Causes skin and eye irritation. Harmful if swallowed.
Do not eat, drink, or smoke when using this product.

Precautionary Statements

General: Keep out of reach of children.

Prevention: May wear protective gloves and eye protection. Wash hands thoroughly after handling.
Do not breathe vapors.

Response: **IF ON SKIN:** Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.
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 attention immediately.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. If problem persists, call a Poison Center or get medical attention.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get medical attention immediately.

Storage: Store out of reach of children.

Disposal: See Section 13 for waste disposal information.

3 Composition/Information on Ingredients

Material:	CAS Number:	Concentration Range %	Hazard Codes
Ethoxylated Alcohols	34398-01-1	5 - 15 %	
Sodium Metasilicate	6834-92-0	1 - 5 %	
Propylene Glycol Monobutyl Ether	5131-66-8	1 - 5 %	

4 First Aid Measures

Eye Contact:	Flush eyes with water for 15 minutes. Remove contact lenses if any.
Skin Contact:	Contact with concentrate may be an irritant to sensitive skin. If spilt in large areas of skin, rinse immediately with water and remove clothing. Wash skin thoroughly with soap and water.
Inhalation:	If discomfort is experienced after prolonged exposure to vapours, move person to fresh air. Get medical attention if irritation persists.
Ingestion:	Get medical attention immediately. Rinse mouth with water. Do NOT induce vomiting. Drink glass of water to dilute product.
Indication of immediate medical attention and special treatment needed:	Treat symptomatically. Get medical attention immediately for further instructions. See Section 11 for toxicological information.

5 Firefighting Measures

Suitable Extinguishing Media:	Water spray, normal foam, dry agent (carbon dioxide, dry chemical powder.)
Specific hazards arising from the chemical:	In a fire or if heated, a pressure increase will occur and the container may burst. Combustion products may include and are not limited to nitrogen oxides, carbon monoxide, and carbon dioxide.
Specific protective equipment and precautions for firefighters:	Firefighters should wear NIOSH approved self-contained breathing apparatus and protective clothing. If safe to do so, remove containers from path of fire. If involved in a fire, keep containers cool with water spray.

6 Accidental Release Measures

Emergency procedures:	Keep area clear of personnel until area has been properly cleaned.
Personal precautions/ protective equipment:	Slippery when spilt. To avoid accidents, clean up immediately and shut off source of leak, if safe to do so. Wear appropriate protective equipment to prevent any contamination of skin, eyes, and personal clothing. Provide sufficient ventilation.
Environmental precautions:	If contamination of sewers or waterways has occurred, advise local emergency services.
Methods for containment and cleaning up:	Contain spill with absorbent (soil, sand, or other inert material) or spill kit to prevent contamination of sewers or waterways. Neutralization agent is not recommended within building, as toxic vapors may be omitted. Properly dispose of used absorbents in accordance with local, state, and federal regulations.

7 Handling and Storage

Precautions for safe handling:	Avoid skin and eye contact, inhalation and ingestion. Wash hands thoroughly after use. Keep out of reach of children.
Conditions for safe storage, including any incompatibilities:	Store in cool, dry place and out of direct sunlight. Store away from source of heat or ignition. Do not mix with other chemicals. Keep container closed when not in use, and check regularly for leaks. See Section 10 for incompatible materials.

8 Exposure Controls/Personal Protection

Control Parameters

Ingredient Name

Ethoxylated Alcohols
Sodium Metasilicate

Exposure Limits

No Data Available
ACGIH 10 mg/m3 Inhalable particulate
ACGIH 3 mg/m3 Respirable particulate
OSHA 15 mg/m3 Total Dust
OSHA 5 mg/m3 Respirable fraction

Propylene Glycol Monobutyl Ether

No Data Available

Appropriate engineering controls: Good ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protection

Eye Protection:

Chemical goggles are recommended to prevent potential eye exposure.

Hand Protection:

No protective equipment is needed under normal and intended conditions of product use.

Skin Protection:

Rubber gloves are recommended to prevent potential skin exposure.

Respiratory Protection:

No protective equipment is needed under normal and intended conditions of product use.

Hygiene Measures:

Always wash hands after handling chemical products, and before smoking, eating, drinking, or using the toilet. Wash contaminated clothing or protective equipment before storage and re-use.

9 Physical and Chemical Properties

Physical State:	Liquid	Specific Gravity:	1.017	Vapour Pressure:	<17 mm Hg
Color:	Clear	Evaporation Rate:	<1	Freezing Point (°F):	<32
Odour:	No fragrance added	Solubility in Water:	Complete	Boiling Point (°F):	> 212
pH:	11.5 - 12.5	VOC (g/L):	<20g/L	Flash Point (°F):	> 200
Viscosity:	None	Vapour Density:	>1		
		< means less than > means greater than			

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10 Stability and Reactivity

Reactivity:	No Specific Data	Chemical Stability:	Stable
Possibility of Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.		
Conditions to Avoid:	Avoid exposure to heat and light.		
Incompatible Materials:	Slightly reactive or incompatible with Oxidizers (e.g., bleach), strong acids (e.g., hydrochloric acid) and reactive metals (e.g., aluminum).		
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.		

11 Toxicological Information

Acute Toxicity:

Eye Contact: Causes severe eye irritation.

Ingestion: No known significant effects or critical hazards.

Skin Contact: Causes skin irritation.

Inhalation: No known significant effects or critical hazards.

Symptoms:

Eye Contact: Adverse symptoms may include the following: irritation, watering, redness

Skin Contact: Adverse symptoms may include the following: irritation, redness

Ingestion: No specific data.

Inhalation: No specific data.

Toxicity Data:

Product/Ingredient name	Result	Species	Dose
Ethoxylated Alcohols	LD 50- Ingestion	Rat	>1400 mg/kg
Sodium Metasilicate	LD50-Oral	Rat	1153 mg/kg
Propylene Glycol Monobutyl Ether	LD 50- Oral	Rat	2200 mg/kg
	LD 50- Dermal	Rabbit	3100 mg/kg

Chronic Effects: No known significant effects or critical hazards

12 Ecological Information

Ecotoxicity: No data available

Aquatic Toxicity:

Product/Ingredient name	Result	Species	Dose
Ethoxylated Alcohols	LC50	Fathead minnow	1-10 mg/l 96 hr
Sodium Metasilicate	LC50	Mosquito Fish	2320 ppm 96 hrs
	LC50	Mosquito Fish	530 mg/L 96 hrs
	LC50	Water Flea	113 mg/L 48 hrs
	LC50	Scud	160 mg/L 96 hrs
Propylene Glycol Monobutyl Ether	No data available		

Other Adverse Effects: No known significant effects or critical hazards.

13 Disposal Considerations

Disposal Methods: Diluted product can be flushed to sanitary sewer. Discard empty container in trash
Dispose of waste in accordance with federal, state, and local regulations.

14 Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations.
The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

DOT Classification: Not DOT regulated
UN Number: Not Applicable
Transport hazard Class: Not Applicable
Packaging Group: Not Applicable
UN Proper Shipping Name: Not Applicable
Hazardous Contents: Not Applicable

15 Regulatory Information

SARA Title III: No listed substance
California Proposition 65: No listed substance

16 Other Information

HMIS/NFPA Hazard Rating: Health Flammability Reactivity

The information contained herein is based on the data available to us. It is believed to be correct. NO warranty, expressed or implied, is made regarding the accuracy of this data or the results to be obtained from the use thereof. For further information consult Maintex, Inc.

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