

01 Chemical Product and Company Identification

Product Name Bathroom Cleaner
Product Use Restroom Cleaner
For Medical Emergency Supplier's Information Call 'Chemtrec' 1-800-424-9300
 GETT
 58-90 55th Street, Maspeth, NY 11378

02 Hazards Identification

Emergency Overview

**NOTE: Hazard Determination System (HDS) ratings are based on a 0-4 rating scale, with 0 representing minimum hazards or risks, and 4 representing significant hazards or risks. Although these ratings are not required on SDSs under 29CFR 1910.1200, the preparer may choose to provide them. HDS ratings are to be used with a fully implemented program to relay the meaning of this scale.*

*Hazard Determination System (HDS):

Health	3
Reactivity	0
Flammability	0

GHS Classification:

Skin Corrosion : Category 1
 Serious Eye Damage : Category 1

GHS Label Elements:



Hazard Pictograms :
 Signal Word : Danger

Hazard Statements

H314: Causes severe skin burns and eye damage

Precautionary Statements :

Prevention

P262 Do not get in eyes, on skin or on clothing

Response:

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.

Acute Effects

Eyes: Severe eye irritant. Causes redness or swelling.

Skin: Skin irritant. Symptoms include redness, itching, and pain.

Inhalation: No known acute effects resulting from inhalation.

Ingestion: Causes irritation to the mouth, throat and gastrointestinal system. Symptoms may include nausea, vomiting, diarrhea and cramps.

Chronic Effects

Carcinogenicity: No known critical effects or critical hazards.

Product/Ingredient Name: Not available.

03 Composition/ Information on Ingredients

Name of Hazardous Ingredients	CAS No.	WT. %
Oxalic Acid	144-62-7	1-5
Nonylphenol Ethoxylate	127087-87-0	1-5
Ethylene Glycol Monobutyl Ether	111-76-2	.5-1

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04 First Aid Measures

General advice	: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	: Wash contaminated clothing before re-use. Remove contaminated clothing and shoes. If skin irritation persists, call a physician. Wash off immediately with plenty of water for at least 15 minutes.
In case of eye contact	: Rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. DO NOT induce vomiting unless directed to do so by a physician or poison control center.
Most important symptoms and effects, both acute and delayed	: Effects are dependent on exposure (dose, concentration, contact time). Effects are immediate and delayed. Symptoms may include irritation, redness, pain, and rash. Causes serious eye irritation.
Notes to physician	: Treat symptomatically. Symptoms may be delayed.

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05 Fire Fighting Measures

Suitable extinguishing media	: Dry chemical Water spray jet Carbon dioxide (CO ₂) Alcohol-resistant foam
Hazardous combustion products	: Carbon dioxide (CO ₂) Carbon monoxide Smoke
Specific extinguishing methods	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	: Collect contaminated fire extinguishing water separately. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	: Wear self-contained breathing apparatus for firefighting if necessary.

06 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	: Use personal protective equipment. Ensure adequate ventilation. Refer to protective measures listed in sections 7 and 8.
Environmental precautions	: Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes, inform respective authorities.
Methods and materials for containment and cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal.

SAFETY DATA SHEET

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07 Handling and Storage

Advice on safe handling	: For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Avoid contact with skin and eyes. Avoid exposure - obtain special instructions before use.
Conditions for safe storage	: Keep container tightly closed in a dry and well-ventilated place (40-120 F). Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	: Keep away from oxidizing agents and strongly acid or alkaline materials.

08 Exposure Controls/ Personal Protection

<u>Component Name</u>	<u>Exposure Limits</u>
Oxalic Acid	TWA 1mg/m ³ IDLH 500mg/m ³
Ethylene Glycol Monobutyl Ether	TWA 20 ppm, ACGIH TWA 5 ppm, 24 mg/m ³ , NIOSH REL TWA 50 ppm, 240 mg/m ³ , OSHA Z-1 TWA 25 ppm, 120 mg/m ³ , OSHA PO PEL 20 ppm, 97 mg/m ³ , CAL PEL
Engineering measures	: effective ventilation in all processing areas
Personal protective equipment	
Respiratory protection	: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Hand protection	
Material	: Protective gloves
Remarks	: The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection	: Safety glasses Ensure that eyewash stations and safety showers are close to the workstation location.
Skin and body protection	: Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	: When using do not eat, drink or smoke. When using do not smoke. Wash hands before breaks and at the end of workday.

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09 Physical and Chemical Properties

Physical State	Clear liquid
Color	Clear
Odor	Tide Type
pH	1.5-2.0
Flashpoint	None
Explosion limits	Not available
Flammability (solid, gas)	Not available
Melting point	Not available
Boiling point	Not available
Evaporation rate (butyl acetate =1)	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	1.12 (Water =1)
Solubility	Easily soluble in the following materials: cold water and hot water
Partition coefficient n-octano/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Odor threshold	Not available
Viscosity	Kinematic (room temperature): ≤ 10 cSt (CPS)

10 Stability and Reactivity

Stability: The product is stable.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid: No specific data.

Materials to avoid: Oxidizing agents, reducing agents, strong alkalis; corrosive to brass, zinc, aluminum, cast iron and steel (not stainless steel).

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition should not be produced.

SAFETY DATA SHEET

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11 Toxicological Information

Potential Health Effects

Aggravated Medical Condition

: None known.

Symptoms of Overexposure

: Effects are dependent on exposure (dose, concentration, contact time).
Effects are immediate and delayed.
Symptoms may include irritation, redness, pain, and rash.

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.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

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.

Acute Toxicity

Component	Result	Species	Dose
Ethylene Glycol Monobutyl Ether	LD50 Oral	Rat	1746mg/kg
	LD50 Dermal	Rabbit	99 mg/kg
	LC50 Inhalation	Rat	450 ppm, 4 hrs
Nonylphenol Ethoxylate	LD50 Oral	Rat	960 -3980mg/kg
Oxalic Acid	LD50 Oral	Rat	375mg/kg
	LD50 Dermal	Rat	20 g/kg

Skin corrosion/irritation Product:

Remarks: May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation Product:

Remarks: Irritating to eyes.

Respiratory or skin sensitization

Remarks: Irritating to respiratory system and skin

Germ cell mutagenicity :No data available

Carcinogenicity :No data available

Reproductive toxicity :No data available

STOT - single exposure :No data available

STOT - repeated exposure :No data available

Aspiration toxicity :No data available

Further information

Remarks: No data available

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12 Ecological
Information

ComponentName	Result	Species	Dose
Ethylene Glycol Monobutyl Ether	1840 mg/l	Algae	EC50, 72 hrs
	1490 mg/l	Freshwater Fish	LC50, 96 hrs
	2590 mg/l	Freshwater Fish	LC50, 96 hrs
Oxalic Acid	4000 mg/L	Freshwater Fish	LC50, 24 hrs
	136.9 mg/L	Water Flea	EC50, 48 hrs

Bioaccumulation: No information available.

Mobility: Will likely be mobile in the environment due to its water solubility.

ComponentName	log Pow
Oxalic Acid	-0.81

13 Disposal
Considerations**WasteInformation**

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities for additional information.

Waste from residues	: Dispose of in accordance with local regulations. Do not contaminate ponds, waterways or ditches with chemical or used container.
Contaminated packaging	: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

14 Transport
Information

Transportation Regulation: 49 CFR (USA):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

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15 Regulatory Information

U.S. Federal Regulations

TSCA

Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy

The United States Environmental Protection Agency (USEPA) has established a Significant New Use Rule (SNUR) for one of the components of this product. See 79 FR 59186.

This material contains one or more substances which are subject to a TSCA Section 5 Consent Order or Significant New Use Rule (SNUR).

This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D.

TSCA 8(b) inventory: All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance

SARA 302/304 emergency planning and notification: No listed substance

SARA 313 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313:

16 Other Information

No other information.

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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