

1- IDENTIFICATION

Product name: TORO
Description: Pulverizing, spray and wipe cleaner
Product family: Aqueous mixture Ready to use
Restrictions on use: For industrial use only.

Supplier/Manufacturer: MAUNCO CLEANING AND SUPPLIES WAREHOUSE
270 Adams street, Belleville, Ontario, K8N 5S4
613 962-0437 www.maunco.com

2- HAZARDS IDENTIFICATION**Product classification:**

Skin / respiratory and ocular irritant
Corrosive to metals

GHS pictogram:**Signal word:**

CAUTION

May cause irritation or moderate burns in direct contact with the skin, eyes.
May cause irritation of the respiratory and digestive tracts.
Harmful if swallowed in large quantities.

Individual protection:

Visor or splash goggles.
Rubber or neoprene glove
Avoid breathing fog. Used in vaporization, the wearing of a mask is suggested.

3- COMPOSITION/INFORMATION ON INGREDIENTS

MIX

Name	CAS Number	% weight
Propylène glycol n-propyl ether	1569-01-3	1-5
Potassium hydroxyde	1310-58-3	1-5
Anionic surfactant	1300-72-7	1-5

4- FIRST AID MEASURES

Eye contact: Quickly rinse the eyes using a large amount of water for at least 15 minutes. See a doctor.

Skin contact: Remove contaminated clothing. Rinse skin with water until the chemical is removed. Consult a physician if irritation persists.

Inhalation: : Vapor or mist, bring the person to a cool, ventilated place and place in a semi-seated position. If breathing difficulties persist, consult medical service.

Ingestion: If swallowed, rinse mouth. Drink a glass of water. Do not induce vomiting and consult a doctor immediately.

5- FIRE-FIGHTING MEASURES

Flamability of the product: Not flammable
Extinguishing media: Use any extinguishing media appropriate to surrounding.

6- ACCIDENTAL RELEASE MEASURES

Personal protection: Respiratory protection with full face mask. Rubber gloves with long sleeve. Rubber boots. Tight tracksuits

Environnemental precautions: Avoid dispersal from entering sewers, waterways or low areas.

Methods for cleaning: Small spill: Mop up or absorb liquid with inert absorbent material. Contain residues in an airtight container. Refer to section 13 for waste disposal. Complete cleaning, rinsing with water.
Large spill: Ventilate the premises. Absorb with inert absorbent material. Contain residues in an airtight container. Refer to section 13 for waste disposal. Complete cleaning, rinsing with water.

7- HANDLING AND STORAGE

Handling: Handle away from incompatible materials. Avoid contact with the eyes.
Incompatibility with: Strong Acids
Storage: In a cool, dry place. Between 5°C and 35 ° C. Keep out of freezing.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Eyewash and emergency showers near the working place.

Exposure limit:

Name	TLV *
Propylène glycol n-propyl ether	not available
Potassium hydroxyde	2mg/m3
Anionic surfactant	not available

*Consult local officials to know the exposure values considered acceptables.

Personal protection

Respiratory: Avoid breathing fog. Used in vaporization, wearing a mask is suggested.
Eye: Visor or safety goggles.
Hands: Rubber gloves suggested
Clothing: A tracksuit is suggested, depending on the work to be done.
General: Do not wear contact lenses when handling the product.

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid
Odour: Odorless
Odor threshold: not available
pH: 13.0
Freezing point / melting point: not available
Boiling point: not available
Flash point: not available
Evaporating rate: not available (ether=1)
Flammability: not flammable
Flammable limits: not available
Vapor pressure: not available (mm Hg)
Vapor density: not available (air=1)
Specific gravity: 1.025 (water=1)
Solubility in water: Miscible in cold water as with hot water.
N-octanol / water partition coefficient: not available
Auto ignition temperature: not available
Decomposition temperature: not available
Viscosity: not available

10- STABILITY AND REACTIVITY

Chemical stability: The product is stable under normal condition.
Hazardous reactions: Refer to Section 7 incompatible materials
Decomposition products: No data
Incompatibility with: Refer to Section 7 incompatible materials

11- TOXICOLOGICAL INFORMATION

Acute toxicity

Datas: There are no data for the product, only for the ingredients

Name	DL ₅₀ (rat, oral)	CL ₅₀ (rat, 4h)
Propylène glycol n-propyl ether	not available	not available
Potassium hydroxyde	non disponible	not available
Anionic surfactant	not available	not available

Chronic health effects**Health effects**

Sensitizer No data available

Carcinogenicity No data available

Teratogenicity No data available

Reproductive effects: No data available

Synergistic product: No data available

12- ECOLOGICAL INFORMATION

Ecotoxicity: (fish, aquatic invertebrates, aquatic plants, microorganisms): No data

Biodegradability: No data

Other adverse effects: No data

13- DISPOSAL CONSIDERATIONS

Waste disposal: Disposal of all waste must be done according to local, provincial and federal regulations. The empty container may retain product residues, do not reuse the container. Empty and neutralized and rinsed packaging can be recycled.

14- TRANSPORT INFORMATION

TGD classification: Not regulated

Additional information: Limited quantity 5L

15- REGULATORY INFORMATION

WHMIS 1988 (Canada): D1B Harmful oral / dermal / inhalation



E Corrosive



16- OTHER INFORMATION

Revised: 2018-02-14

References:

1. Manufacturer Datasheet
2. CNESST, Toxicological Directory, Products
3. RPD-SOR-2015-17
4. Technical Guidance on the Requirements of the Hazardous Products Act and the Hazardous Products Regulations - WHMIS 2015 Supplier Requirements

Notice to reader

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