

1- IDENTIFICATION

Product name: **MANIC 3**
Description: Defoamer
Product family: Aqueous mixture
Restrictions on use: For industrial use only.

Supplier/Manufacturer: MANIC SANITATION
66 rue Fraser, Rivière -du-Loup, Qc, G5R 1C2
Tel: 418-862-6393

2- HAZARDS IDENTIFICATION

Product Classification under WHMIS 2015-GHS

This product is not classified as dangerous according to GHS criteria.

3- COMPOSITION/INFORMATION ON INGREDIENTS

MIX

Name	CAS Number	% weight
Propylène glycol n-propyl ether	not available	1-5
Dipropylene glycol monomethyl ether	34590-94-8	1-5

4- FIRST AID MEASURES

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

Skin contact: Remove contaminated clothing. Rinse skin with water until the chemical is removed.

Inhalation: Not applicable

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

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.

Incompatibility with: None known

Storage: In a cool, dry place. Between 5°C and 35 ° C. Keep out of freezing.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: none special

Exposure limit:

Name	TLV
Propylène glycol n-propyl ether	not available
Dipropylene glycol monomethyl ether	not available

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

Personal protection

Respiratory: None generally required.
Eye: Safety goggles suggested
Hands: Rubber gloves suggested
Clothing: None generally required
General: Do not wear contact lenses when handling the product.

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White liquid
Odour: Odorless
Odor threshold: not available
pH: 8.9
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: 1.005 (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 avail	not avail
Dipropylene glycol monomethyl ether	not avail	not avail

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 packaging can be recycled.

14- TRANSPORT INFORMATION

TGD classification: Not regulated

15- REGULATORY INFORMATION

WHMIS 1988 (Canada): D2B Eye irritant (by contact)

16- OTHER INFORMATION

Revised: 2017-11-20

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

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 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 as described herein, we cannot guarantee that these are the only hazards that exist.

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