

1- IDENTIFICATION

Product name: **CRISTAL**
Description: Non-slip floor finish
Restrictions on use: For industrial use only.
Product family: Aqueous mixture

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

2- HAZARDS IDENTIFICATION

Product classification:

This mixture is not classified as a hazardous product.

Pictogram GHS:

no pictogram

Signal word:

Avoid Eye contact

Individual protection:

Protection glasses are suggested.

3- COMPOSITION/INFORMATION ON INGREDIENTS

Mix

Name	CAS Number	<u>% weight</u>
Diethylene glycol methyl ether	111-77-3	1-5
Dipropylene glycol methyl ether	34590-94-8	1-5
Dibutyl phthalate	84-74-2	1-5
Tributoxyethyl phosphate	78-51-3	1-5

4- FIRST AID MEASURES

Eye contact: Remove contact lenses. Rinse with a gentle stream of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately

Skin contact: Rinse skin thoroughly with water. The product does not irritate but may leave a film dries on the skin

Inhalation: Raise to fresh air.

Ingestion: DO NOT INDUCE VOMITING. Wash out with water mouth and drink large quantities of water and get medical attention immediately.

5- FIRE-FIGHTING MEASURES

Flamability of the product:	not flammable, non combustible
Flash point:	not available
Extinguishing media:	Water, foam, dry chemicals, CO2
Protection for fire-fighting:	Be equipped with self-contained breathing apparatus. Use personal protective equipment required for fire.

6- ACCIDENTAL RELEASE MEASURES

Personal protection: Wear safety goggles, waterproof gloves and a tracksuit

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

Methods for cleaning: Small spills: Rinse with water.
Large spills: Contain spill with absorbent material and dispose in the trash.
Dispose of waste in a container. Refer to section 13 for waste disposal. Resume cleaning by rinsing with water.

Other information: None

7- HANDLING AND STORAGE

Handling: All employees who handle this material should be trained to handle safety as per good industrial practices.

Incompatibility with: No known data

Storage: Keep container closed in a dry cool place.
Avoid freezing.

8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures: Normal and suitable airing

Name	<u>TLV - ACGIH</u>
Diethylene glycol methyl ether	not av
Dipropylene glycol methyl ether	100ppm
Dibutyl phthalate	5mg/m3
Tributoxyethyl phosphate	not av

Personal protection

Respiratory: none generally required
Eye: Safety glasses
Hands: Waterproof gloves
Clothing: Wearing a tracksuit is suggested
General: none

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky white liquid
Odour:	Light
Odor threshold:	not available
pH:	8.4
Freezing point / melting point:	<0°C
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:	1.028 (water=1)
Solubility in water:	Miscible in 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
Hazardous reactions:	The product is not explosive
Decomposition products:	None under normal conditions of storage and handling
Incompatibility with:	See section 7
Corrosion to metals:	Non corrosive

11- TOXICOLOGICAL INFORMATION

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

Name	<u>DL₅₀ (rat, oral)</u>	<u>CL₅₀ (rat, 4h)</u>
Diethylene glycol methyl ether	2165mg/kg	not av
Dipropylene glycol methyl ether	not av	not av
Dibutyl phtalate	3180mg/kg	not av
Tributoxyethyl phosphate	not av	not av

Chronic health effects

Carcinogenic effects:	No data
Teratogenic effects:	No data
Reproductive effects:	No data
Synergistic product:	No data

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. Empty packaging can be recycled

14- TRANSPORT INFORMATION

TGD classification: Not regulated as per dangerous goods

Additional information: None

15- REGULATORY INFORMATION

WHMIS 1988 (Canada): D2B material with other toxic effects / eye irritant

**16- OTHER INFORMATION**

Date of issue: 2017-11-14

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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