

1- IDENTIFICATION

Product name: **CRISTAL 2000**
Description: 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

<u>Name</u>	<u>CAS Number</u>	<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
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Personal protection

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

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

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky white liquid	
Odour:	Light	
Odor threshold:	not available	
pH:	8.5	
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	lower	upper
Vapor pressure:	not available	
Vapor density:	not available	(air=1)
Specific gravity:	1.033	(water=1)
Solubility in water:	Miscible	
N-octanol / water partition coefficient:	not available	
Auto ignition temperature:	not available	
Decomposition temperature:	not available	
Viscosity:	7.5cps	22°C, 20rpm spindle #1
Corrosion to metals:	Non corrosive	

11- TOXICOLOGICAL INFORMATION

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

<u>Name</u>	<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

Additionnal 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

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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