

## 1- IDENTIFICATION

Product name: **GEM**  
Description: Floor finish and polish  
Restrictions on use: For industrial use only.  
Product family: Aqueous mixture  
Supplier/Manufacturer: MAUNCO CLEANING AND SUPPLIES WAREHOUSE  
270 Adams street, Belleville, Ontario, K8N 5S4  
613 962-0437 [www.maunco.com](http://www.maunco.com)

## 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 phtalate	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

Environmental 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 phtalate	5mg/m3
Tributoxyethyl phosphate	not av

Personal protection

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

## 9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky white liquid	
Odour:	Light	
Odor threshold:	not available	
pH:	8.5	
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:	1.026	(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:	5 cps	22°C, 20rpm spindle #1

## 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>DL<sub>50</sub> (rat, oral)</u>	<u>CL<sub>50</sub> (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: 2017-10-31

**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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