

1- IDENTIFICATION

Product name: **NEUTRALIZ**
Description: Cleaner neutralizer
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:

Skin / eye corrosion
Corrosive liquid for some metals.

Pictogram GHS:



Signal word:

CAUTION!

Can cause severe skin burns and serious eye damage.
May irritate the respiratory tract.
Do not breathe spray mist.

Individual protection:

Wear protective gloves and goggles or a visor.
Use a rubber apron or waterproof long sleeve shirt.
Use in a well-ventilated area.

3- COMPOSITION/INFORMATION ON INGREDIENTS

MIX

<u>Name</u>	<u>CAS Number</u>	<u>% weight</u>	TLV - ACGIH*	IDLH
Phosphoric acid	7664-38-2	3-7	1 mg/m3	not avail
Sodium gluconate	77-92-9	7-13	not avail	not avail
Dipropylène glycol methyl ether	34590-94-8	1-5	100 ppm	not avail

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 quickly using gloves. Rinse skin with water for 20 minutes or until the chemical is removed. If irritation persists, see a doctor.

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Inhalation: After inhalation of mist, remove to a ventilated area and place in a semi-sitting position. In case of breathing difficulties, transfer immediately to the emergency medical service nearest you.

Ingestion: If swallowed, rinse mouth. Drink 2-3 glasses 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: This product should be diluted before use.
Never add water to this product, for dilution slowly add the product to water, stirring constantly. Handle away from incompatible materials. Avoid contact with skin. Wear eye protection and equipment in case of insufficient ventilation, suitable respiratory protective device. Workers handling transvasent or corrosive substances must wear appropriate personal protective equipment. This product is corrosive: if handled or transferred regularly or frequently, eyewash or true emergency showers must be made available to workers and be located near the work station. Avoid wearing contact lenses when handling the product.

Incompatibility with: Alkaline products.

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 of decanting.

Exposure values:

Name	TLV - ACGIH*
Phosphoric acid	1 mg/m ³
Sodium gluconate	not avail
Dipropylène glycol methyl ether	100 ppm

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

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Personal protection

Respiratory:	None generally required if ventilation is normal and proper.
Eye:	Visor or safety goggles. Do not wear contact lenses when handling the product.
Hands:	Rubber or nitrile gloves
Chlothing:	Use a rubber apron or long sleeve waterproof shirt depending on the nature of the work to be performed.
General:	Do not wear contact lenses when handling the product.

9- PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue-green liquid
Odour:	Downy
Odor threshold:	not available
pH:	1.5
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	not available
Vapor pressure:	5 (mm Hg)
Vapor density:	not available (air=1)
Specific gravity:	1.062 (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:	10 cps (22°C, spindle #1, 20rpm)

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	<u>DL₅₀ (rat, oral)</u>	<u>CL₅₀ (rat, 4h)</u>
Phosphoric acid	1530mg/kg	not av
Sodium gluconate	11,7g/kg	not av
Dipropylène glycol methyl ether	5180mg/kg	not av

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 rinse packaging can be recycled.

14- TRANSPORT INFORMATION

TDG classification: UN1760, CORROSIVE LIQUID N.O.S.,(Phosphoric acid), Class 8, PG III

Additional information: Limited quantity 5L

15- REGULATORY INFORMATION

WHMIS 1988 (Canada): E Corrosive material

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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