

BEBBINGTON INDUSTRIES SAFETY DATA SHEET

PROPYLENE GLYCOL

SECTION 1 - IDENTIFICATION

Product identifier used on the label: PROPYLENE GLYCOL

Recommended use and restrictions on use:

Industrial chemical. For professional use only.

Manufacturer/Supplier

Bebbington Industries
44 Wright Avenue
Dartmouth
Nova Scotia
Canada B3B 1G6

Telephone: 902 468 8180

Fax: 902 468 8559

24 Hour Emergency Telephone: CANUTEC 613 996 6666 OR 666 on cell phone

SECTION 2 - HAZARD IDENTIFICATION

CLASSIFICATION

THIS PRODUCT IS NOT CONSIDERED TO BE HAZARDOUS UNDER THE GHS CLASSIFICATION SYSTEM.

HAZARD PICTOGRAMS

None Required

LABEL ELEMENTS

NONE REQUIRED

SECTION 3 – COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

CONTAINS NO HAZARDOUS INGREDIENTS

Contains 99% or higher PROPYLENE GLYCOL CAS 57-55-6

SECTION 4 – FIRST AID MEASURES

Eye Contact

Immediately flush eyes with plenty of water for several minutes and keep eyelids apart and away from eyeballs during flushing process. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Skin Contact

If on skin (or hair) immediately take off all contaminated clothing. Rinse affected skin with water or shower. Get medical attention if irritation persists, Wash contaminated clothing before reuse.

Inhalation

If inhaled, remove to fresh air. Get medical attention if you feel unwell.

Ingestion

DO NOT induce vomiting but rinse mouth with water. Get medical advice/attention if you feel unwell. Never give anything by mouth if victim if unconscious or convulsing.

Most important Symptoms and Effects

May irritate eyes.

Indication of any immediate medical attention and special treatment needed:

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media

This product is not flammable. The extinguishing media should be appropriate for the surrounding products.

Special Exposure Hazards

This product causes irritation to the skin and eyes. Thermal decomposition may lead to the release of irritating and toxic vapors. In the event of a fire, do not breathe fumes.

Special protective equipment for firefighters

Wear self-contained breathing apparatus for firefighting, if necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions

Use personal protective equipment. Avoid breathing vapor, mist or gas. Ensure adequate ventilation. Ensure clean up is conducted by trained personnel.

Environmental precautions

Prevent leakage or spillage if safe to do so. Do not let product enter drains. Dike spills wherever possible to prevent material from entering drains or waterways.

Methods and materials for containment and cleaning up

Contain spillage and then soak up using an inert absorbent material. Contaminated absorbent will have same properties as spilled product.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin, eyes and do not inhale mist. Wash hands and exposed skin after handling.

Conditions for safe storage

Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be resealed and kept upright to avoid leakage. Keep out of reach of children. Do not mix with other chemicals or cleaning products.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection

If splashing is likely, the use of safety glasses is recommended.

Skin Protection

Not required under normal conditions of use.

Respiratory Protection

Not required under normal conditions of use.

Work Place Hygiene

Avoid contact with skin, eyes and clothing. After using this product workers should wash their hands and faces before eating, drinking or smoking. Clothes should be changed if contaminated with this product. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls

Use this product in areas of good ventilation.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid
Odor	Odorless
Odor threshold	No data available
Color	Colorless
pH	6.0 – 8.0
Melting point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapor pressure/density	No data available
Density	1.00 – 1.1 gm/cm ³
Water solubility	Soluble in water
Partition coefficient	No data available
Auto ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Water like

SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Not normally reactive
Chemical stability	Product is stable under recommended storage conditions.
Possibility of Hazardous reactions	None known

Conditions to avoid Keep out of reach of children

Incompatible Materials None known.

Hazardous decomposition products

None known

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of exposure Skin and eye contact, ingestion, inhalation

LD50 Oral Rat >20,000 mg/kg

LD50 Dermal Rabbit >10,000 mg/kg

Exposure Effects

Skin Exposure may cause mild skin irritation

Eyes Exposure may cause mild eye irritation

Ingestion Do not taste or swallow

Carcinogenicity This product does not contain any ingredient designated by IRAC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

Mutagenicity Not classified

Specific Target Organ Toxicity

Not classified

Aspiration hazard Not classified

Product and Ingredient Toxicity information

SECTION 12 – ECOLOGICAL INFORMATION

Precautions Keep away from drains and waterways

Ecotoxicity This product is not harmful to aquatic and terrestrial life.

Persistence and degradability No data available

Bioaccumulative Potential No data available

Mobility in Soil No data available

Other advert effects No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local, provincial and federal regulations. Check with local municipal authority to ensure compliance.

Containers should be empty and thoroughly rinsed before disposal.

SECTION 14 – TRANSPORT INFORMATION

Not regulated under TDG.

SECTION 15 – REGULATORY INFORMATION

This SDS prepared pursuant to Canadian WHMIS 2015 regulations (Controlled Products Regulations under the Hazardous Product Act).

Canadian Environmental Protection Act (CEPA) Information: All ingredients listed appear on Domestic Substances List (DSL)

SECTION 16 – OTHER INFORMATION

Prepared by Bebbington Industries

Date Preparation July 2023

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