

1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

PLA - 1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Pipeline antifreeze

1.3. Details of the supplier of the safety data sheet

Clean All CNY LLC
838 Erie Blvd. West Syracuse NY 13204
Telephone 315-472-9189
Email bradner@cleanallcny.com

1.4. Emergency telephone number

CHEMTREC: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not a hazardous substance

2.2. Label elements

GHS-US labeling

N/A

SECTION 3: Composition/information on ingredients

3.1. Substance

Synonyms: Propylene glycol 1,2-Propanediol Formula: C₃H₈O₂
CAS-No.: 57-55-6 EC-No.: 200-338-0

Component	CAS #	%
Propylene Glycol	56-55-6	28

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

4.2. Most important symptoms and effects, both acute and delayed in case of skin contact

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special Hazards

No data available

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.
For personal protection see section 8.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. For precautions see section 2.2.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.
hygroscopic

SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

Component	CAS #	Value	Control Parameters	Basis
Propane-1,2-diol	57-55-6	TWA	10.0000000 mg/m ³	USA. Workplace Environmental Exposure Levels (WEEL)

8.2. Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate

SECTION 9: Physical and chemical properties

Skin protection

9.1. Information on basic physical and chemical properties

surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and

Appearance: liquid, clear, viscous

Color: colorless

Melting point/freezing point

SECTION 10: Stability and reactivity

Initial boiling point and boiling range 187 °C (369 °F)-lit.

10.1. Reactivity

Upper/lower flammability or explosive limits

No data available

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Relative density 1.036 g/cm³ at 25 °C (77 °F)

No data available

approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety engineer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

10.4. Conditions to avoid

impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous

No data available

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US)

10.5. Incompatible materials

use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government

Acid chlorides, Acid anhydrides, Oxidizing agents, Chloroformates, Reducing agents

Do not let product enter drains

10.6. Hazardous decomposition

Other decomposition products-No data available
In the event of fire: see section 5

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

LD50 Oral-Rat-20,000 mg/kg

Inhalation: No data available

LD50 Dermal-Rabbit-20,800 mg/kg

LD50 Intramuscular-Rat-14 g/kg

LD50 Intravenous-Dog-26 g/kg

LD50 Intraperitoneal-Rat-6,660 mg/kg

LD50 Subcutaneous-Rat-22,500 mg/kg

LD50 Intravenous-Rat-6,423 mg/kg

LD50 Intraperitoneal-Mouse-9,718 mg/kg

Remarks: Lungs, Thorax, or Respiration: Chronic pulmonary edema. Kidney, Urethra, Bladder: Changes in both tubules and glomeruli.

Blood: Changes in spleen.

LD50 Subcutaneous-Mouse-17,370 mg/kg

Remarks: Behavioral: Change in motor activity (specific assay). Behavioral: Muscle contraction or spasticity. Cyanosis

LD50 Intravenous-Mouse-6,630 mg/kg

LD50 Intravenous-Rabbit-6,500 mg/kg

Skin corrosion/irritation

Skin-Human

Result: Mild skin irritation-7 d

Serious eye damage/eye irritation

Eyes-Rabbit

Result: Mild eye irritation

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity

No data available

No data available

Specific target organ toxicity -single exposure

No data available

Specific target organ toxicity -repeated exposure

No data available

Aspiration hazard

No data available

Additional Information

RTECS: TY2000000

Gastrointestinal disturbance, Nausea, Headache, Vomiting, Central nervous system depression, to the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity to fish mortality NOEC-Pimephales promelas (fathead minnow)-52,930 mg/l-96 h

Toxicity to daphnia and other aquatic invertebrates **Persistence and degradability** mortality NOEC-Daphnia (water flea)-13,020 mg/l-48 h

No data available

12.3 Bioaccumulate potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging
Dispose of as unused product.

SECTION 14: Transport information

Not Regulated by D.O.T.

SECTION 15: Regulatory information

15.1. US Federal regulations

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

Propane-1,2-diol	CAS-No. 57-55-6	Revision Date 2007-03-01
------------------	-----------------	--------------------------

New Jersey Right To Know Components

Propane-1,2-diol	CAS-No. 57-55-6	Revision Date 2007-03-01
------------------	-----------------	--------------------------

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other information

Containers of this material may be hazardous when emptied; since emptied containers retain product residues (vapors, liquid, and/or solid), all hazard precautions given in this datasheet must be observed.

All toxicity and transportation data was composed through component analysis.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES. ANY MATERIAL SUPPLIED IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND WE CAN NOT GUARANTEE THAT THE HAZARDS LISTED HEREIN ARE THE ONLY HAZARDS THAT EXIST.