

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

1.1. Product identifier

PIPE LINE ANTIFREEZE

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

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

NON HAZARDOUS / NON REGULATED BLENDED PRODUCT

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US)



Signal Word:
WARNING

Precautionary statement(s)

P210 - Keep away from heat / sparks / open flames / hot surfaces. No smoking.
 P233 - Keep container tightly closed.
 P240 – Ground / bond container and receiving equipment.
 P241 - Use explosion-proof electrical / ventilating / lighting / equipment.
 P242 - Use only non-sparking tools.
 P243 - Take precautionary measures against static discharge.
 P280 - Wear protective gloves / protective clothing / eye protection / face protection.
 P303 + P361 + P353 - IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
 P403 + P235 - Store in a well ventilated place. Keep cool.
 P501 - Dispose of contents / container to an approved waste disposal plant.

SECTION 3: Composition/information on ingredients

3.1. Substance

Component	CAS #	%
Ethanol w/ denaturants	64-17-5	20 - 27
Propylene Glycol	57-55-6	< 10

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. Move out of dangerous area.

If inhaled

Move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

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

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician

SECTION 5: Firefighting measures

5.1 Extinguishing media

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

5.2 Special Hazards

Carbon oxides

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 vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

For personal protection see section 8.

6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition –No smoking. Take measures to prevent the build-up of electrostatic charge.

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. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8: Exposure controls/personal protection

8.1. Control Parameters

Component	CAS #	Value	Control Parameters	Basis
Ethanol	64-17-5	TWA	1000.0000 ppm	USA. ACGIH Threshold Limit Values (TLV)
	Remarks	Upper Respiratory Tract irritation Confirmed animal carcinogen with unknown relevance to humans		
		TWA	1000 ppm 1900 mg/m ³	USA. OSHA -TABLE Z-1 Limits for Air Contaminants -1910.1000
		TWA	1000 ppm 1900 mg/m ³	USA. Occupational Exposure Limits (OSHA) -Table Z-1 Limits for Air Contaminants
		The value in mg/m3 is approximate.		
		TWA	1000.00000 ppm 1900.00000 mg/m ³	USA. Occupational Exposure Limits (OSHA) -Table Z-1 Limits for Air Contaminants
		The value in mg/m3 is approximate.		
		TWA	1000.00000 ppm 1900.00000 mg/m ³	USA. NIOSH Recommended Exposure Limits
		STEL	1000.00000 ppm	USA. ACGIH Threshold Limit Values (TLV)
		Upper Respiratory Tract irritation Confirmed animal carcinogen with unknown relevance to humans		

8.2 Exposure controls

Personal Protective Equipment:

Keep away from food, beverages, and feed. Wash hands before and after entering laboratory.

Breathing Equipment:

In case of exposure limit is exceeded, use a chemical fume hood or a NIOSH/MSHA-approved respiratory.

Hand Protection:

Use chemical resistant gloves.

Eye Protection:

Wear safety glasses.

Body Protection:

Wear lab coat or other protective work clothing.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance and Odor: Liquid, colorless, with alcohol odor.

Boiling Point: 73.3°C

Melting Point: Not determined

Specific Gravity: 0.93 –0.96

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable

10.3. Possibility of hazardous reactions

Will Not Occur

10.4 Conditions to avoid

Avoid heat, sources of ignition, moisture, shock, and friction.

10.5 Incompatible materials

Incompatible with oxidizing agents, silver salts, acid chlorides and reducing agents.

10.6 Hazardous decomposition

Carbon dioxide and Carbon monoxide may form when heated to decomposition.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

LD/LC50 values that are relevant:

LD₅₀: ORL-RAT, 7060 mg/kg (Ethanol)

Carcinogenicity Classification: IARC (International Agency for Research on Cancer) –Not Listed

NTP (National Toxicology Program)-Not Listed

Eye: Produces irritation. Splashes may cause temporary pain and blurred vision.

Ingestion: May cause headaches, gastritis, intoxication, blindness and, in acute cases, death.

Inhalation: Harmful if inhaled. Exposure may cause irritation to the mucous membranes of the upper respiratory tract.

Prolonged exposures to high concentrations may cause drowsiness, loss of appetite and inability to concentrate.

Skin: Causes skin irritation, cracking or flaking due to dehydration and defatting action.

Chronic: Prolonged or repeated skin contact may cause dermatitis and may affect the nervous system. May affect liver, blood, reproductive system. Continued ingestion of small amounts could result in blindness.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders, eye problems, or impaired liver or kidney function may be more susceptible to the effects of the substance.

Toxicological information: Ethanol has been linked to birth defects in humans. Ethanol has been linked to cancer in humans.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Tests: LC₅₀: Fish, 96 hours, > 100 mg/L (Ethanol). This material is not expected to be toxic to aquatic life.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste Disposal Method: Dispose in accordance with all applicable federal (40 CFR 261.3), state, and local environmental regulations.

RCRA P-Series: None listed.

RCRA U-Series: CAS# 67-17-5: waste number U154; (Ignitable waste)

Contact a licensed professional waste disposal service to dispose of this material if questions arise.

Container Information: Do not remove labels from containers until they have been cleaned.

SECTION 14: Transport information

DOT Regulations:

Not regulated by D.O.T.

Land Transport ADR / RID (cross-border):

Not regulated by D.O.T.

Maritime Transport IMDG:

Not regulated by D.O.T.

Air Transport ICAO-TI and IATA-DGR:

Not regulated by D.O.T.

SECTION 15: Regulatory information

15.1. US Federal regulations

EU Regulations, Hazard Symbol(s):

Ethanol: T (Toxic), F (Flammable)

Risk Phrases:

Ethanol: R 11 / 23 / 24 / 25 / 39, Highly flammable. Toxic by inhalation, in contact with skin and if swallowed. Toxic, danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

Safety Phrases:

Ethanol: S 7 / 16 / 36 / 37 / 45, Keep container tightly closed. Keep away from sources of ignition, no smoking. Wear suitable protective clothing and gloves. In case of accident or if you become ill, seek medical advice immediately (show product label).

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.