

1. Product and Company Identification

Product Code:	C97	
Product Name:	Air Brake Anti Freeze 32 fl. oz.	
Company Name:	CYCLO INDUSTRIES, INC. 902 SOUTH US HIGHWAY 1 JUPITER, FL 33477	Phone Number: (800)843-7813
Web site address:	www.cyclo.com	
Email address:	ehs@cyclo.com	
Emergency Contact:	First Aid Emergency CHEMTREC (703) 527-3887	(800)752-7869 (800)424-9300
Information:	First Aid Emergency (Outside U.S.)	(312)906-6194

2. Hazards Identification

Flammable Liquids, Category 2

Acute Toxicity: Inhalation, Category 3

Acute Toxicity: Oral, Category 3

Acute Toxicity: Skin, Category 3

Specific Target Organ Toxicity (single exposure), Category 1



GHS Signal Word:

Danger

GHS Hazard Phrases:

H225: Highly flammable liquid and vapor.
H331: Toxic if inhaled.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H370: Causes damage to organs.

GHS Precaution Phrases:

P233: Keep container tightly closed.
P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P240: Ground/bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P243: Take precautionary measures against static discharge.
P242: Use only non-sparking tools.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P270: Do not eat, drink or smoke when using product.
P271: Use only outdoors or in a well-ventilated area.
P264: Wash hands thoroughly after handling.

GHS Response Phrases:

P370+378: In case of fire, use alcohol foam, foam, dry chemical or carbon dioxide to extinguish.
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P363: Wash contaminated clothing before reuse.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal

P405: Store locked up.



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Phrases: P501: Dispose of contents/container in accordance with local/regional/national/international regulation.
P403+233: Store container tightly closed in well-ventilated place.

Potential Health Effects (Acute and Chronic): No data available.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
67-56-1	Methanol	95.0 -100.0 %

4. First Aid Measures

Emergency and First Aid Procedures: If swallowed, immediately call a physician/Poison Control Center. If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin contact, wash with soap and water. Remove contaminated clothing and shoes, and launder before reuse. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flash Pt: 52.00 F (11.1 C) Method Used: TAG Closed Cup

Explosive Limits: LEL: 6% UEL: 36%

Autoignition Pt: 475.00 F (246.1 C)

Suitable Extinguishing Media: Alcohol foam, foam, dry chemical, carbon dioxide.

Fire Fighting Instructions: Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Avoid water streams which may splash and spread flaming liquid. Water spray can be used to reduce the intensity of the flames and dilute spills to a non-flammable mixture. Vapor may cause flash fire. Methanol and water mixtures will burn unless very dilute. Mixtures with 25% or more Methanol are OSHA Class 1 Flammable Liquids.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: Carbon dioxide. Carbon monoxide. Acrid smoke and irritating fumes.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Wear appropriate protective clothing and equipment to prevent skin and eye contact. Avoid breathing vapor. When airborne exposure limits are exceeded use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Remove sources of ignition. Increase area ventilation. Stop release at source. Dike area and contain. Absorb spills on inert material such as perlite, vermiculite, sand or dirt. Place in double polyethylene bags. Isolate from other waste materials. Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

7. Handling and Storage

Precautions To Be Taken in Handling: Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Do not breathe dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using product. Use only outdoors or in a well-ventilated area. Wash hands thoroughly after handling. Keep out of the reach of children.



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Supersedes Revision: 05/05/2014

Precautions To Be Taken in Storing: Store locked up. Keep container closed when not in use. Keep away from heat and flame. Avoid extreme temperatures.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-56-1	Methanol	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.

Respiratory Equipment (Specify Type): Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure. Organic vapor cartridge respirators NOT recommended for methanol vapor exposures.

Eye Protection: Safety glasses with side shields.

Protective Gloves: Use chemical resistant gloves for prolonged skin contact.

Other Protective Clothing: No data available.

Engineering Controls (Ventilation etc.): Use local exhaust. Eyewash stations. Showers.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Clear to light blue liquid. Mild alcohol odor.	
pH:	~ 7	
Melting Point:	NE	
Boiling Point:	148.00 F (64.4 C)	
Flash Pt:	52.00 F (11.1 C) Method Used: TAG Closed Cup	
Evaporation Rate:	> 1	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: 6%	UEL: 36%
Vapor Pressure (vs. Air or mm Hg):	135@25C	
Vapor Density (vs. Air = 1):	1.11	
Specific Gravity (Water = 1):	.791@60F	
Solubility in Water:	Soluble	
Percent Volatile:	> 98.0 %	
Autoignition Pt:	475.00 F (246.1 C)	
Viscosity:	NE	

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Avoid any source of ignition.

Incompatibility - Materials To Avoid: Strong oxidizing agents. Chromic anhydride, lead perchlorate and perchloric acids.

Hazardous Decomposition or Byproducts: Carbon monoxide. Carbon dioxide. Acrid smoke with irritating fumes.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.



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11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-56-1	Methanol	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulation.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer Commodity
DOT Hazard Class: ORM-D ORM-D
UN/NA Number:

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:	Methanol, Ltd Qty	Packing Group:	II
UN Number:	1230		
Hazard Class:	3 (6.1) - FLAMMABLE LIQUID, POISON		

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name:	Methanol, Ltd Qty	Packing Group:	II
UN Number:	1230	IMDG Classification:	3,6.1
Hazard Class:	3 (6.1) - FLAMMABLE LIQUID, POISON	IMDG MFAG Number:	
		Marine Pollutant:	No

IMDG EMS Page:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-56-1	Methanol	No	Yes 5000 LB	Yes

CAS # Hazardous Components (Chemical Name)

67-56-1 Methanol

Other US EPA or State Lists

CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 1222; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes

CAS # Hazardous Components (Chemical Name)

67-56-1 Methanol

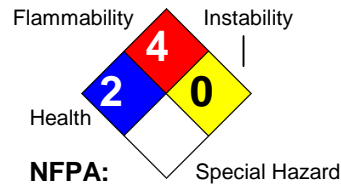
International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 08/25/2015

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

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