

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 2015/830

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** C97
Product Name: Air Brake Anti Freeze 32 fl. oz.
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: Air Brake Anti Freeze
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | |
|--------------------------|---|---------------------------------------|
| Company Name: | CYCLO INDUSTRIES
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 USA | Phone Number:
(800)843-7813 |
| Web site address: | www.cyclo.com | |
| Email address: | ehs@cyclo.com | |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|----------|------------------------------------|
| Emergency Contact: | CHEMTREC | (800)424-9300
001 (703)741-5970 |
|---------------------------|----------|------------------------------------|

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
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

2.2 Label Elements:



GHS Signal Word: Danger

GHS Hazard Phrases:

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

GHS Precaution Phrases:

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition source. 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.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases:



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P370+378 - In case of fire, use foam, alcohol foam, carbon dioxide, dry chemical or water fog to extinguish.

P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+341 - IF INHALED: If breathing is difficult, remove 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.

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 Phrases:

P403 - Store in well-ventilated place.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Adverse Human Health No data available.

Effects and Symptoms:

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
67-56-1	Methanol 01-2119392409-28	95.0 -100.0 %	200-659-6 603-001-00-X	Flam. Liq. 2: H225 Acute Tox.(O) 3: H301 Acute Tox.(D) 3: H311 Acute Tox.(I) 3: H331 STOT (SE) 1: H370

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:**
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
- 4.3 Indication of any immediate medical attention and special treatment needed:**
- Most important symptoms & effects both acute & delayed: Most important known symptoms & effects are described in the Labeling Section (see Section 2).



Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Foam, alcohol foam, carbon dioxide, dry chemical, water fog.
- 5.2 Flammable Properties and Hazards:** No data available.
- Hazardous Combustion Products:** Oxides of carbon.
- 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)
- 5.3 Fire Fighting Instructions:** Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** No data available.
- 6.3 Methods and Material For Containment and Cleaning Up:** Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Section 7. Handling and Storage

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

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
67-56-1	Methanol	ACGIH TLV	TLV: 200 ppm STEL: 250 ppm	
		Austria	TWA: 262 mg/m3 (200 ppm) STEL: 328 mg/m3 (250 ppm)	Skin Absorption



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67-56-1 Methanol
(continued)

California, USA PELs	TWA: 260 mg/m3 (200 ppm) STEL: 325 mg/m3 (250 ppm) CEIL: 1000 ppm	Skin Absorption
Ontario, CA	TWA: 200 ppm STEL: 250 ppm	
China	TWA: 25 mg/m3 STEL: 50 mg/m3 (15 min)	
Québec, CA	TWA: 262 mg/m3 (200 ppm) STEL: 328 mg/m3 (250 ppm)	
Europe	TWA: 260 mg/m3 (200 ppm)	Skin Absorption
Mexico OEL	TWA: 260 mg/m3 (200 ppm) STEL: 310 mg/m3 (250 ppm)	Skin Absorption
NIOSH	TWA: 200 ppm STEL: 250 ppm	Skin Absorption
New Zealand	TWA: 262 mg/m3 (200 ppm) STEL: 328 mg/m3 (250 ppm)	
OSHA PELs	PEL: 200 ppm	

8.2 Exposure Controls:

8.2.1 Engineering Controls Local exhaust ventilation as necessary to maintain exposures within applicable limits.
(Ventilation etc.):

8.2.2 Personal protection equipment:

Eye Protection: Safety goggles or safety glasses with side shields.

Protective Gloves: Chemical resistant gloves.

Other Protective Clothes to prevent skin contact.

Clothing:

Respiratory Equipment NIOSH/MSHA approved respirator when exposure is expected to exceed applicable
(Specify Type): limits.

No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Clear. Bluish. Liquid.

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

Saturated Vapor NE

Concentration:

Flammability (solid, gas): No data available.

Explosive Limits: LEL: 6% UEL: 36%

Vapor Pressure (vs. Air or 135@25C

mm Hg):

Vapor Density (vs. Air = 1): 1.11



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Specific Gravity (Water = 1): .791 @60F
Density: NE
Solubility in Water: Soluble
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: 475.00 F (246.1 C)
Decomposition Temperature: NE
Viscosity: NE

9.2 Other Information

Percent Volatile: > 98.0 %

Section 10. Stability and Reactivity

10.1 Reactivity: No data available.
10.2 Stability: Unstable [] Stable [X]
10.3 Conditions To Avoid - Hazardous Reactions: No data available.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
10.4 Conditions To Avoid - Instability: Keep away from heat, sparks & flame.
10.5 Incompatibility - Materials To Avoid: Strong oxidizing agents.
10.6 Hazardous Decomposition or Byproducts: Oxides of carbon.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects: No data available.

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

Section 12. Ecological Information

12.1 Toxicity: No data available.
12.2 Persistence and Degradability: No data available.
12.3 Bioaccumulative Potential: No data available.
12.4 Mobility in Soil: No data available.
12.5 Results of PBT and vPvB assessment: No data available.
12.6 Other adverse effects: No data available.



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Section 13. Disposal Considerations

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

Section 14. Transport Information

14.1 LAND TRANSPORT (European ADR/RID):

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

14.2 MARINE TRANSPORT (IMDG/IMO):

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

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Methanol, 3 (6.1), II, Ltd. Qty.

Section 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: VHAP; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: Yes - Active - 053801: Am/CC, Inert: F/NF/Fr; FDA/DEA CSA: No; CA PROP.65: Yes: RDTox.; CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes: US HAP; NJ EHS: Yes - 1222; NY Part 597: Yes: HS; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes

CAS #	Hazardous Components (Chemical Name)
67-56-1	Methanol

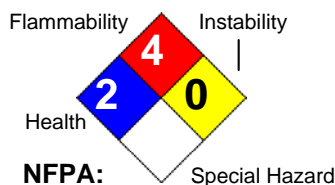
International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; China IECSC: Yes; Japan ENCS: Yes - 7-322; Japan ISHL: No; Korea ECL: Yes - KE-23193; Philippines ICCS: Yes; Taiwan TCSCA: Yes; Singapore HSL: No; REACH: Yes - (R): Full, (P)

Section 16. Other Information

Revision Date: 05/21/2018

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

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