

SAFETY DATA SHEET

Engine Coolant, 1 Gallon (Arabic Label)

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Revision: 11/30/2017
Supersedes Revision: 04/04/2014

1. Product and Company Identification

Product Code: C530A
Product Name: Engine Coolant, 1 Gallon (Arabic Label)
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 (800)752-7869
CHEMTREC (800) 424-9300 001 (703)527-3887
First Aid Emergency (Outside U.S.) 001 (312)906-6194

Information:
Intended Use: Engine Coolant

2. Hazards Identification

GHS Signal Word: None
GHS Hazard Phrases: No phrases apply.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331: 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.
P332+313: If skin irritation occurs, get medical advice/attention.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists, get medical advice/attention.
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases: P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	75.0 -90.0 %
107-21-1	Ethylene glycol	< 5.0 %
NA	Anti-oxident, Rust Inhibitor Additives	< 5.0 %
NA	Proprietary	< 5.0 %
NA	Organic Acids	< 5.0 %

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4. First Aid Measures

Emergency and First Aid Procedures: If swallowed, do not induce vomiting. If inhaled, remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. In case of skin contact, wipe off with towel. Wash area with soap and water. In case of eye contact, flush with water for at least 15 minutes. Remove contact lenses if present. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Water fog, dry chemical, foam or CO₂.

Fire Fighting Instructions: For fires involving this material, do not enter any enclosed or confined space without self-contained breathing apparatus to protect against the hazardous effects of combustion products or oxygen deficiency.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Stop the source of the leak or release and contain spill if possible. Ventilate area. Use respirator and protective clothing. Cover spill with a generous amount of inert absorbent. Use a stiff broom to mix thoroughly. Sweep up and place in a disposable container. Scrub contaminated area with detergent and water using a stiff broom. Pick up liquid with additional absorbent and place in a disposable container. Prevent contamination of groundwater or surface water.

7. Handling and Storage

Precautions To Be Taken in Handling: No data available.

Precautions To Be Taken in Storing: Minimum feasible handling temperatures should be maintained. Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7732-18-5	Water	No data.	No data.	No data.
107-21-1	Ethylene glycol	No data.	CEIL: 100 mg/m ³ (H)	No data.
NA	Anti-oxident, Rust Inhibitor Additives	No data.	No data.	No data.
NA	Proprietary	No data.	No data.	No data.
NA	Organic Acids	No data.	No data.	No data.

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
107-21-1	Ethylene glycol	Austria	TWA: 10 mg/m ³ () STEL: () (Particulate)	Skin Absorption
		Mexico OEL	CEIL: () (Total aerosol)	
		New Zealand	STEL: 127 mg/m ³ (50 ppm) (15 min) (Total aerosol)	

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Respiratory Equipment (Specify Type):	None required when handling at minimum feasible temperatures. However, an approved respirator is recommended if operating conditions generate vapor, mists or fumes, and if exposure cannot adequately be controlled by local exhaust ventilation
Eye Protection:	Avoid eye contact. The wearing of chemical safety goggles or face shield is recommended.
Protective Gloves:	Avoid contact with skin or clothing. Skin contact can be minimized by wearing impervious protective clothing including gloves. Protective clothing made from neoprene, nitrile, or n-butyl rubber is suitable in these applications.
Other Protective Clothing:	Avoid contact with skin or clothing. Skin contact can be minimized by wearing impervious protective clothing including gloves. Protective clothing made from neoprene, nitrile, or n-butyl rubber is suitable in these applications.
Engineering Controls (Ventilation etc.):	Under normal applications of this product, general dilution ventilation is adequate.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Green liquid.	
pH:	7 - 9	
Melting Point:	No data.	
Boiling Point:	No data.	
Flash Pt:	NE	
Evaporation Rate:	No data.	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	No data.	
Vapor Density (vs. Air = 1):	No data.	
Specific Gravity (Water = 1):	No data.	
Density:	1.006	
Solubility in Water:	Soluble	
Octanol/Water Partition Coefficient:	No data.	
Autoignition Pt:	No data.	
Decomposition Temperature:	No data.	
Viscosity:	No data.	

10. Stability and Reactivity

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	No data available.
Incompatibility - Materials To Avoid:	No data available.
Hazardous Decomposition or Byproducts:	No data available.
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: This material contains 2-ethylhexanoic acid. The primary human health effect reported is irritation to the eyes and skin. The major health effects observed in animals following repeated oral administration are on the liver and reproductive/developmental system in high doses. While normal use of this material should not result in any adverse effects, we strongly recommend that the precautions outlined in this SDS be followed to reduce skin contact and keep inhalation of mists to a minimum.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
107-21-1	Ethylene glycol	n.a.	n.a.	A4	n.a.
NA	Anti-oxident, Rust Inhibitor Additives	n.a.	n.a.	n.a.	n.a.
NA	Proprietary	n.a.	n.a.	n.a.	n.a.
NA	Organic Acids	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: This product is expected to have low aquatic toxicity (LD50 > 1000 mg/l) and a high rate of rate of biodegradation.

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: Not-Regulated

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not-Regulated

UN Number:

Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Regulated

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not-Regulated

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)
7732-18-5	Water	No	No	No
107-21-1	Ethylene glycol	No	Yes 5000 LB	Yes
NA	Anti-oxident, Rust Inhibitor Additives	No	No	No
NA	Proprietary	No	No	No
NA	Organic Acids	No	No	No

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

7732-18-5 Water CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: Yes - Inert: F/NF/Fr; FDA/DEA CSA: No;

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CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

107-21-1 Ethylene glycol

CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; FIFRA: Yes - Active - 042203, Inert: F/NF/Fr; FDA/DEA CSA: No; CA PROP.65: Yes: RDTox.; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0878; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes

NA Anti-oxident, Rust Inhibitor Additives

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

NA Proprietary

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

NA Organic Acids

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

CAS # Hazardous Components (Chemical Name)

7732-18-5 Water

International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; REACH: Yes - (P)
Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes; Australia ICS: Yes; New Zealand IOC: Yes; REACH: Yes - (R), (P)

107-21-1 Ethylene glycol

NA Anti-oxident, Rust Inhibitor Additives

Canadian DSL: No; Canadian NDSL: No; Mexico INSQ: No; Australia ICS: No; New Zealand IOC: No; REACH: No

NA Proprietary

Canadian DSL: No; Canadian NDSL: No; Mexico INSQ: No; Australia ICS: No; New Zealand IOC: No; REACH: No

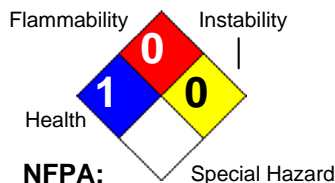
NA Organic Acids

Canadian DSL: No; Canadian NDSL: No; Mexico INSQ: No; Australia ICS: No; New Zealand IOC: No; REACH: No

16. Other Information

Revision Date: 11/30/2017

Hazard Rating System:



Additional Information About This Product: No data available.