



MATERIAL SAFETY DATA SHEET

Engine Treatment

CYCLO INDUSTRIES, INC.
401 MAPLEWOOD DRIVE
SUITE 18
JUPITER, FL 33458

HEALTH		1
FLAMMABILITY		1
PHYSICAL HAZ.		0
PPE		

Revision: 02/07/2010

Date Created: 12/07/2009

1. Product and Company Identification

Product Code: C-2250
Product Name: Engine Treatment
Manufacturer Information
Company Name: CYCLO INDUSTRIES, INC.
Phone Number: (800)843-7813
Fax Number: (561)745-3867
Emergency Contact: First Aid Emergency (800)752-7869
Alternate Emergency Contact: Shipping Emergency (Chemtrec) (800)424-9300
Information: Emergency (Outside the U.S.) (312)906-6194
Web site address: www.cyclo.com

2. Hazards Identification

Emergency Overview

May cause burning and/or irritation of the eyes. Symptoms include tearing, stinging, redness. May cause skin irritation, dryness or dermatitis. Symptoms include possible redness, burning, drying and cracking of the skin. Vapor may cause dizziness and/or headaches. Mist may cause breathing problems. Swallowing this material may be harmful.

Health Hazards (Acute and Chronic)

Drying and cracking of the skin or dermatitis may occur.

Signs and Symptoms Of Exposure

No data available.

3. Composition/Information on Ingredients

Hazardous Components (Chemical Name)	CAS #	Concentration
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	<50.0 %
2. (Trade Secret)	NA	<50.0 %

4. First Aid Measures

Emergency and First Aid Procedures

If swallowed, do not induce vomiting. Flush eyes with water for 15 minutes. If inhaled, remove to fresh air. If not breathing, give artificial respiration. For skin contact, wash affected area with soap and water. Remove contaminated clothing. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flammability Classification: Non flammable.
Flash Pt: > 295.00 F (146.1 C) Method Used: Cleveland Open Cup
Explosive Limits: LEL: No data. UEL: No data.

Special Fire Fighting Procedures

Use self-contained breathing apparatus. Do not use water except as fog to cool down containers.

Unusual Fire and Explosion Hazards

No data available.

Suitable Extinguishing Media

Carbon dioxide, foam, dry chemical, water fog, sand or earth.



Unsuitable Extinguishing Media

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled

Eliminate possible ignition sources. Keep the area isolated. Try to use non-sparking equipment when possible in case of mist or vapors and use absorbent material to pick up spills of excess material. All used and unused product should be disposed of in accordance with federal, state and local regulations.

7. Handling and Storage

Hazard Label Information:

Use only in a well ventilated area. Avoid contact with skin and eyes.

Precautions To Be Taken in Handling

Use proper grounding procedures if required. Rinse immediately if in contact with eyes, skin or clothing. Do not take internally. Wash thoroughly after handling. Avoid breathing vapor or mist. Use with adequate ventilation. Keep out of the reach of children.

Precautions To Be Taken in Storing

Keep container closed when not in use. Handle open containers with care. Store in a cool, dry, well-ventilated place. Do not handle or store near an open flame, heat or other ignition sources. Protect material from direct sunlight.

8. Exposure Controls/Personal Protection

Hazardous Components (Chemical Name)	CAS #	OSHA PEL	ACGIH TLV	Other Limits
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	No data.	No data.	No data.
2. (Trade Secret)	NA	No data.	No data.	No data.

Protective Equipment Summary - Hazard Label Information:

Wear safety goggles. Clothes to prevent skin contact

Respiratory Equipment (Specify Type)

NIOSH/MSHA approved respirator when exposure is expected to exceed applicable limits.

Eye Protection

Wear safety glasses.

Protective Gloves

Wear chemically protective gloves.

Other Protective Clothing

Overalls.

Ventilation

Adequate ventilation to prevent accumulation of vapors. Use mechanical means if necessary to maintain levels below exposure limits. If working in confined space, follow OSHA regulations.

9. Physical and Chemical Properties

Physical States:	<input type="checkbox"/> Gas <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Solid	
Melting Point:	No data.	
Boiling Point:	> 625.00 F (329.4 C)	
Autoignition Pt:	No data.	
Flash Pt:	> 295.00 F (146.1 C) Method Used: Cleveland Open Cup	
Explosive Limits:	LEL: No data.	UEL: No data.
Specific Gravity (Water = 1):	.86	
Bulk density:	No data.	



Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): NE
Evaporation Rate (vs Butyl Acetate=1): Very slow
Solubility in Water: Negligible
Percent Volatile: No data.
Heat Value: No data.
Particle Size: No data.
Corrosion Rate: No data.
pH: NP

Appearance and Odor

Light amber liquid (thickness is dependant on viscosity). Slight hydrocarbon odor.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

Excessive heat, flames, sparks.

Incompatibility - Materials To Avoid

Strong oxidizing agents.

Hazardous Decomposition Or Byproducts

Carbon monoxide, carbon dioxide.

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

Conditions To Avoid - Hazardous Reactions

No data available.

11. Toxicological Information

No data available.

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	n.a.	n.a.	n.a.	n.a.
2. (Trade Secret)	NA	n.a.	n.a.	n.a.	n.a.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method

Disposal should be made in accordance with federal, state and local regulations.

14. Transport Information

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name: No data available.
DOT Hazard Label: None
DOT Hazard Class: 9



15. Regulatory Information

US EPA SARA Title III

Hazardous Components (Chemical Name)	CAS #	Sec.302 (EHS)	Sec.304 RQ	Sec.313 (TRI)	Sec.110
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	No	No	No	No
2. (Trade Secret)	NA	No	No	No	No

Other US EPA or State Lists

Hazardous Components (Chemical Name)	CAS #	CAA HAP,ODC	CWA NPDES	TSCA	CA PROP.65
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	No	No	Inventory	No
2. (Trade Secret)	NA	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	CA TAC, Title 8	MA Oil/HazMat	MI CMR, Part 5	NC TAP
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	No	No	No	No
2. (Trade Secret)	NA	No	No	No	No

Hazardous Components (Chemical Name)	CAS #	NJ EHS	NY Part 597	PA HSL	SC TAP
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	No	No	Yes - No	No
2. (Trade Secret)	NA	No	No	Yes - No	No

Hazardous Components (Chemical Name)	CAS #	WI Air
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	No
2. (Trade Secret)	NA	No

International Regulatory Lists

Hazardous Components (Chemical Name)	CAS #	Canadian DSL	Canadian NDSL	Taiwan TCSCA
1. Mineral oil, petroleum distillates, hydrotreated light naphthenic	64742-53-6	No	No	No
2. (Trade Secret)	NA	No	No	No

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

- Sec.302:** EPA SARA Title III Section 302 Extremely Hazardous Chemical with TPQ. * indicates 10000 LB TPQ if not volatile.
- Sec.304:** EPA SARA Title III Section 304: CERCLA Reportable + Sec.302 with Reportable Quantity. ** indicates statutory RQ.
- Sec.313:** EPA SARA Title III Section 313 Toxic Release Inventory. Note: -Cat indicates a member of a chemical category.
- Sec.110:** EPA SARA 110 Superfund Site Priority Contaminant List

TSCA (Toxic Substances Control Act) Lists:

- Inventory:** Chemical Listed in the TSCA Inventory.
- 5A(2):** Chemical Subject to Significant New Rules (SNURS)
- 6A:** Commercial Chemical Control Rules
- 8A:** Toxic Substances Subject To Information Rules on Production
- 8A CAIR:** Comprehensive Assessment Information Rules - (CAIR)
- 8A PAIR:** Preliminary Assessment Information Rules - (PAIR)
- 8C:** Records of Allegations of Significant Adverse Reactions
- 8D:** Health and Safety Data Reporting Rules
- 8D TERM:** Health and Safety Data Reporting Rule Terminations
- 12(b):** Notice of Export

Other Important Lists:

- CWA NPDES:** EPA Clean Water Act NPDES Permit Chemical



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Engine Treatment

CAA HAP:	EPA Clean Air Act Hazardous Air Pollutant
CAA ODC:	EPA Clean Air Act Ozone Depleting Chemical (1=CFC, 2=HCFC)
CA PROP 65:	California Proposition 65
CA TAC:	California AB 1807 - Toxic Air Contaminants
CA Title 8:	California Hazardous Substances List: Title 8, Sec. 339
MI CMR:	Michigan Critical Materials Register
MI Part 5:	Michigan DEQ WRP Part 5 Pollutants List
NC TAP:	North Carolina Toxic Air Pollutants
NJ EHS:	New Jersey Environmental Hazardous Substances List
NY Part 597:	New York Part 597 List of Hazardous Substances
PA HSL:	Pennsylvania Hazardous Substances List
SC TAP:	South Carolina Toxic Air Pollutants
WI Air:	Wisconsin Reportable Air Contaminants

International Regulatory Lists:

Canadian DSL:	Canada Domestic Substances List
Canadian NDSL:	Canada Non-Domestic Substances List
Taiwan TCSCA:	Taiwan Toxic Chemical Substances Control Act of 1986

16. Other Information

Company Policy or Disclaimer

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