

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

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

1.1 Product Code: C24, CDFA
Product Name: Diesel Fuel Treatment

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:

Company Name: CYCLO INDUSTRIES, INC. **Phone Number:**
902 SOUTH US HIGHWAY 1 (800)843-7813
JUPITER, FL 33477

Web site address: www.cyclo.com

Email address: ehs@cyclo.com

Information: First Aid Emergency (Outside U.S.) (312)906-6194

1.4 Emergency telephone number:

Emergency Contact: First Aid Emergency (800)752-7869
CHEMTREC (703) 527-3887 (800)424-9300

Section 2. Hazards Identification

2.1 Classification of the Substance or Mixture:

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:

Acute Toxicity: Inhalation, Category 4

Acute Toxicity: Oral, Category 4

Acute Toxicity: Skin, Category 4

Skin Corrosion/Irritation, Category 3

Serious Eye Damage/Eye Irritation, Category 2A

Flammable Liquids, Category 3

Acute Toxicity: Oral, Category 2

2.1.2 Classification according to Directive 1999/45/EC:

2.2 Label Elements:

2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:



GHS Signal Word: Danger

GHS Hazard Phrases:

H332: Harmful if inhaled.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H316: Causes mild skin irritation.

H319: Causes serious eye irritation.

H226: Flammable liquid and vapor.

H300: Fatal if swallowed.



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GHS Precaution Phrases:

- P271: Use only outdoors or in a well-ventilated area.
- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264: Wash hands thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P362+364: Take off contaminated clothing and wash it before reuse.
- P233: Keep container tightly closed.
- P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- 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.

GHS Response Phrases:

- P370+378: In case of fire, use carbon dioxide, foam, dry chemical or water fog to extinguish.
- P301+P330+P331: IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P302+352: IF ON SKIN: Wash with plenty of soap and water.
- 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.

GHS Storage and Disposal Phrases:

- P501: Dispose of contents/container in accordance with local/regional/national/international regulation.
- P403+235: Store in cool/well-ventilated place.
- P405: Store locked up.

2.2.2 Labeling according to Directive 1999/45/EC:

2.3 Adverse Human Health Eyes: May cause burning, irritation and discomfort. May cause blurred vision.

Effects and Symptoms:

Skin Contact: Contact may cause irritation and burning. Prolonged contact may cause severe irritation or dermatitis. May cause skin sensitization with continuous prolonged or extended contact.

Inhalation: Vapor may cause dizziness, nausea, vomiting and headache. Mist may cause breathing problems.

Ingestion: May result in vomiting. Aspiration of liquid into lungs must be avoided. Do not induce vomiting. Small amount of liquid aspirated into lungs may cause injury, chemical pneumonia possibly leading to death. Prolonged exposure may cause skin irritation or dermatitis, kidney, liver and blood problems.

Medical Conditions Pre-existing skin, respiratory or other disorders may be aggravated.

Generally Aggravated

By Exposure:



Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	Risk Phrases/ GHS Classification
64475-85-0	Turpentine substitute	80.0 -100.0 %	NA NA	No phrases apply. Flam. Liq. 3: H226 Skin Corr. 2: H315 Eye Damage 2: H319
111-76-2	Ethanol, 2-Butoxy-	0.0 -5.0 %	203-905-0 603-014-00-0	Xn; R20/21/22-36/38 Acute Tox.(O) 4: H302 Acute Tox.(D) 4: H312 Skin Corr. 2: H315 Eye Damage 2A: H319 Acute Tox.(I) 4: H332
NA	Proprietary Additives	0.0 -5.0 %	NA NA	No data available. No data available.

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** If swallowed, do not induce vomiting. Rinse mouth. If inhaled, remove to fresh air. Give artificial respiration if needed. 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, remove contaminated clothing. Wash affected area with soap and water. Call physician immediately if adverse reaction occurs.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Carbon dioxide, foam, dry chemical or water fog.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flash Pt:** 100.40 F (38.0 C) Method Used: Cleveland Open Cup
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** Use self-contained breathing apparatus.

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:** Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills, implement cleanup procedure. For large spills, implement cleanup procedures, keep public away and advise authorities. Prevent liquid from entering sewers, waterways or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. If liquid is too viscous for



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pumping, scrape up. Remove from water surfaces by skimming or with suitable absorbents.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Use only with adequate ventilation. Avoid breathing vapors. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Store in a cool, well-ventilated place away from incompatible materials.
- Other Precautions:** Use explosion proof machinery. Assure grounding and bonding of containers is done before use of products to help prevent possible static build-up.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
64475-85-0	Turpentine substitute	No data.	No data.	No data.
111-76-2	Ethanol, 2-Butoxy-	TWA: 123 mg/m ³ (25 ppm) STEL: 246 mg/m ³ (50 ppm)	TWA: 9.8 mg/m ³ (2 ppm) STEL: 147.6 mg/m ³ (30 ppm)	TWA: 98 mg/m ³ STEL: 246 mg/m ³
NA	Proprietary Additives	No data.	No data.	No data.
CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64475-85-0	Turpentine substitute	No data.	No data.	No data.
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
NA	Proprietary Additives	No data.	No data.	No data.

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Ensure adequate ventilation.

8.2.2 Personal protection equipment:

Eye Protection: Avoid contact with eyes. If splashes are likely to occur, wear goggles.

Protective Gloves: Neoprene gloves.

Other Protective Clothing: Avoid contact with skin.

Respiratory Equipment (Specify Type): Assure adequate ventilation to keep oil mists under safe limits. When necessary, wear proper NIOSH approved respirators or SCBA.

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: Light to colored liquid with petroleum odor.
Melting Point: No data.
Boiling Point: No data.
Flash Pt: 100.40 F (38.0 C) Method Used: Cleveland Open Cup
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): > 1
Specific Gravity (Water = 1): 0.68
Solubility in Water: Insoluble
Autoignition Pt: No data.
Viscosity: 6 - 12 cSt at 100.0 C (212.0 F)

9.2 Other Information

Percent Volatile: 0.0 % by weight.

Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable [] Stable [X]
- 10.3 Conditions To Avoid -** No data available.
Hazardous Reactions:
Possibility of Will occur [] Will not occur [X]
Hazardous Reactions:
- 10.4 Conditions To Avoid -** Excessive heat, sources of ignition, strong oxidizers.
Instability:
- 10.5 Incompatibility -** Strong oxidizing agents.
Materials To Avoid:
- 10.6 Hazardous** No data available.
Decomposition or
Byproducts:



Section 11. Toxicological Information

11.1 Information on Toxicological Effects: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64475-85-0	Turpentine substitute	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
NA	Proprietary Additives	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.

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Disposal should be made in accordance with federal, state and local regulations.

Section 14. Transport Information

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name:	Flammable Liquid, n.o.s. (Turpentine Substitute/Petroleum Distillates), Ltd. Qty.		
UN Number:	1993	Packing Group:	III
Hazard Class:	N.A.	ADR Classification:	3

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name:	Flammable Liquid, n.o.s. (Turpentine Substitute/Petroleum Distillates), Ltd. Qty.		
UN Number:	1993	Packing Group:	
Hazard Class:	N.A.	IMDG Classification:	3

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)
64475-85-0	Turpentine substitute	No	No	No
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
NA	Proprietary Additives	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

64475-85-0	Turpentine substitute	CAA HAP,ODC: No; CWA NPDES: No; TSCA: 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
111-76-2	Ethanol, 2-Butoxy-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8;



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MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes - Cat.; NJ EHS: Yes - 0275; NY Part 597: No; PA HSL: Yes - 1; SC TAP: Yes - Cat.; WI Air: Yes

NA Proprietary Additives

CAA HAP,ODC: No; CWA NPDES: No; TSCA: 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)

64475-85-0 Turpentine substitute

111-76-2 Ethanol, 2-Butoxy-

NA Proprietary Additives

International Regulatory Lists

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

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

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

European Community Hazard Symbol codes:

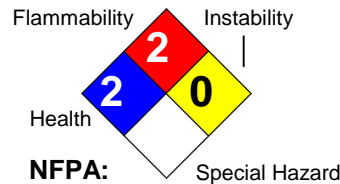
European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 01/27/2015

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

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