



# SAFETY DATA SHEET

## Diesel Fuel Treatment

### 1. Product and Company Identification

**Product Code:** C24, CDFA  
**Product Name:** Diesel Fuel Treatment  
**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 (703) 527-3887 (800)424-9300

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

### 2. Hazards Identification

**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**



**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.

**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.



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Revision: 01/27/2015  
Supersedes Revision: 05/05/2014

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.

### Potential Health Effects (Acute and Chronic):

Eyes: May cause burning, irritation and discomfort. May cause blurred vision.

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 Generally Aggravated By Exposure:** Pre-existing skin, respiratory or other disorders may be aggravated.

## 3. Composition/Information on Ingredients

| CAS #      | Hazardous Components (Chemical Name) | Concentration |
|------------|--------------------------------------|---------------|
| 64475-85-0 | Turpentine substitute                | 80.0 -100.0 % |
| 111-76-2   | Ethanol, 2-Butoxy-                   | 0.0 -5.0 %    |
| NA         | Proprietary Additives                | 0.0 -5.0 %    |

## 4. First Aid Measures

### Emergency and First Aid Procedures:

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.



### 5. Fire Fighting Measures

**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.  
**Suitable Extinguishing Media:** Carbon dioxide, foam, dry chemical or water fog.  
**Fire Fighting Instructions:** Use self-contained breathing apparatus.  
**Flammable Properties and Hazards:** No data available.

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** 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 pumping, scrape up. Remove from water surfaces by skimming or with suitable absorbents.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:** Use only with adequate ventilation. Avoid breathing vapors. Keep out of the reach of children.  
**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.

### 8. Exposure Controls/Personal Protection

| 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.     |

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



## 9. 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.  
**Autoignition Pt:** No data.  
**Flash Pt:** 100.40 F (38.0 C) Method Used: Cleveland Open Cup  
**Explosive Limits:** LEL: No data. UEL: No data.  
**Specific Gravity (Water = 1):** 0.68  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** > 1  
**Evaporation Rate:** No data.  
**Solubility in Water:** Insoluble  
**Viscosity:** 6 - 12 cSt at 100.0 C (212.0 F)  
**Percent Volatile:** 0.0 % by weight.

## 10. Stability and Reactivity

**Stability:** Unstable [ ] Stable [ X ]  
**Conditions To Avoid - Instability:** Excessive heat, sources of ignition, strong oxidizers.  
**Incompatibility - Materials To Avoid:** Strong oxidizing agents.  
**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.

## 11. Toxicological Information

**Toxicological Information:** 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. |

## 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:** Consumer Commodity  
**DOT Hazard Class:** ORM-D  
**UN/NA Number:**

**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

**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

### 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; 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)**

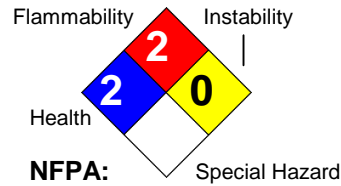
**International Regulatory Lists**

|            |                       |                                                         |
|------------|-----------------------|---------------------------------------------------------|
| 64475-85-0 | Turpentine substitute | Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes |
| 111-76-2   | Ethanol, 2-Butoxy-    | Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes |
| NA         | Proprietary Additives | Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No   |

### 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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