

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:** C285  
**Product Name:** Diesel Fuel Water Remover
- 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.  
902 SOUTH US HIGHWAY 1  
JUPITER, FL 33477  
**Phone Number:** (800)843-7813  
**Web site address:** www.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 2  
Serious Eye Damage/Eye Irritation, Category 2A  
Aspiration Toxicity, Category 1
- 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.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H304: May be fatal if swallowed and enters airways.

**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.

**GHS Response Phrases:**

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330: Rinse mouth.  
P302+352: IF ON SKIN: Wash with plenty of soap and water.



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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.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

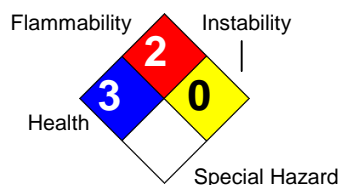
P331: Do NOT induce vomiting.

### GHS Storage and Disposal Phrases:

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

P405: Store locked up.

### Hazard Rating System:



### 2.3 Adverse Human Health 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
111-76-2	Ethanol, 2-Butoxy-	0.0 -10.0 %	203-905-0 603-014-00-0	Acute Tox.(O) 4: H302 Acute Tox.(D) 4: H312 Skin Corr. 2: H315 Eye Damage 2A: H319 Acute Tox.(I) 4: H332
64742-96-7	Aliphatic hydrocarbon	85.0 -95.0 %	265-200-4 649-406-00-5	Asp. Toxic. 1: H304

## Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** If swallowed, do not induce vomiting. Give nothing by mouth. If vomiting occurs, keep head lower than hips to prevent aspiration. Pulmonary aspiration hazard if swallowed and/or vomiting occurs - can enter lungs and cause damage. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. In case of eye contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes. In case of skin contact, remove contaminated clothing and shoes and launder before reuse. Wash with soap and water. If irritation persists or signs of toxicity occur, seek medical attention. If product is injected into or under the skin, or into any part of the body, the individual should be evaluated immediately by a physician as a surgical emergency. Call physician immediately if adverse reaction occurs.



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### Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Carbon dioxide. Dry chemical. Water. Foam.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flash Pt:** 143.00 F (61.7 C) Method Used: Small Scale Open Cup
- Explosive Limits:** LEL: N.D. UEL: N.D.
- Autoignition Pt:** 600.00 F (315.6 C)
- 5.3 Fire Fighting Instructions:** Wear approved positive-pressure self-contained breathing apparatus and protective clothing. Forms peroxides of unknown stability classified as combustible.

### Section 6. Accidental Release Measures

- 6.3 Methods and Material For Containment and Cleaning Up:** Wear appropriate protective clothing and equipment to prevent skin and eye contact. Do not ingest. Contain any liquid from leaking containers. Keep away from heat, sparks and flames. Remove sources of ignition. Increase area ventilation. Absorb spills on inert material such as perlite, vermiculite, sand or dirt. Place in double polyethylene bags. Isolate from other waste materials. Do not allow to enter sanitary drains, sewer or surface and subsurface waters.

### Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Avoid contact with skin and eyes. Use only in a well ventilated area. Keep away from food and smoking materials. Wash hands before eating and smoking. Do not swallow. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Keep container closed when not in use. Keep away from heat and open flame.

### Section 8. Exposure Controls/Personal Protection

#### 8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
111-76-2	Ethanol, 2-Butoxy-	TWA: 123 mg/m3 (25 ppm) STEL: 246 mg/m3 (50 ppm)	TWA: 9.8 mg/m3 (2 ppm) STEL: 147.6 mg/m3 (30 ppm)	TWA: 98 mg/m3 STEL: 246 mg/m3

64742-96-7	Aliphatic hydrocarbon	No data.	No data.	No data.
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CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
64742-96-7	Aliphatic hydrocarbon	No data.	No data.	No data.

#### 8.2 Exposure Controls:

- 8.2.1 Engineering Controls (Ventilation etc.):** Showers. Eyewash stations. Use local exhaust.

#### 8.2.2 Personal protection equipment:

**Eye Protection:** Wear safety glasses or goggles to protect against exposure.

**Protective Gloves:** Use chemical resistant gloves for prolonged skin contact.

**Other Protective Clothing:** No data available.

**Respiratory Equipment (Specify Type):** Use in a well ventilated area. Use approved NIOSH respiratory protection if TLV is exceeded or overexposure is likely.



## Section 9. Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

**Physical States:** ☐ Gas ☒ Liquid ☐ Solid  
**Appearance and Odor:** Colorless to light yellow liquid. Mild petroleum odor.  
**Melting Point:** No data.  
**Boiling Point:** > 300.00 F (148.9 C)  
**Flash Pt:** 143.00 F (61.7 C) Method Used: Small Scale Open Cup  
**Evaporation Rate:** No data.  
**Explosive Limits:** LEL: N.D. UEL: N.D.  
**Vapor Pressure (vs. Air or mm Hg):** No data.  
**Vapor Density (vs. Air = 1):** No data.  
**Specific Gravity (Water = 1):** .80 @ 60F  
**Solubility in Water:** < 15%  
**Autoignition Pt:** 600.00 F (315.6 C)

### 9.2 Other Information

**Percent Volatile:** No data.

## Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable ☐ Stable ☒
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur ☐ Will not occur ☒
- 10.4 Conditions To Avoid - Instability:** Keep away from heat, sparks and flame.
- 10.5 Incompatibility - Materials To Avoid:** Strong oxidizing agents.
- 10.6 Hazardous Decomposition Or Byproducts:** Carbon monoxide and other asphxiants.



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### Section 11. Toxicological Information

**11.1 Information on Toxicological Effects:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
64742-96-7	Aliphatic hydrocarbon	n.a.	n.a.	n.a.	n.a.

### Section 12. Ecological Information

### 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 (US DOT):**

**DOT Proper Shipping Name:** Not-Restricted

**DOT Hazard Class:**

**UN/NA Number:**

**14.1 LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Not-Restricted

**UN Number:**

**Hazard Class:**

**14.2 MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Not-Restricted

**UN Number:**

**Hazard Class:**

**Packing Group:**

**Marine Pollutant:**

No

**14.3 AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Not-Restricted

### 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)
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
64742-96-7	Aliphatic hydrocarbon	No	No	No

**CAS # Hazardous Components (Chemical Name)**

111-76-2 Ethanol, 2-Butoxy-

64742-96-7 Aliphatic hydrocarbon

**Other US EPA or State Lists**

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

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

111-76-2 Ethanol, 2-Butoxy-

**International Regulatory Lists**

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



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64742-96-7 Aliphatic hydrocarbon

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

### Section 16. Other Information

**Revision Date:** 09/17/2013

**Additional Information About** No data available.

**This Product:**

**Company Policy or**

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