

### 1. Product and Company Identification

**Product Code:** C0801  
**Product Name:** Cyclo Headlight Restore  
**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

**Germ Cell Mutagenicity, Category 1B**

**Carcinogenicity, Category 1B**

**Specific Target Organ Toxicity (single exposure), Category 3**

**Specific Target Organ Toxicity (repeated exposure), Category 1**

**Aspiration Toxicity, Category 1**

**Acute Toxicity: Inhalation, Category 4**

**Aquatic Toxicity (Acute), Category 2**



**GHS Signal Word:**

**Danger**

**GHS Hazard Phrases:**

H304: May be fatal if swallowed and enters airways.  
H332: Harmful if inhaled.  
H335: May cause respiratory irritation.  
H340: May cause genetic defects.  
H350: May cause cancer.  
H372: Causes damage to organs through prolonged or repeated exposure.  
H401: Toxic to aquatic life.

**GHS Precaution Phrases:**

P281: Use personal protective equipment as required.  
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.  
P273: Avoid release to the environment.

**GHS Response Phrases:**

P301+330+331: IF SWALLOWED: Rinse mouth. 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.  
P363: Wash contaminated clothing before reuse.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**GHS Storage and Disposal Phrases:**

P405: Store locked up.  
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.  
P403+233: Store container tightly closed in well-ventilated place.



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

## 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	67.0 -87.0 %
8052-41-3	Stoddard solvent	4.0 -8.0 %
1344-28-1	Aluminum oxide	5.0 -10.0 %
8042-47-5	Technical white oil* (regulated as mist only)	4.0 -9.0 %

## 4. First Aid Measures

### Emergency and First Aid Procedures:

If swallowed, do not induce vomiting. If inhaled, remove affected individual to fresh air. If breathing is difficult, administer oxygen. 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, flush exposed skin with water. Remove contaminated clothing. Call physician immediately if adverse reaction occurs.

### Signs and Symptoms Of Exposure:

Ingestion: Can cause nausea, vomiting and diarrhea.

Inhalation: Excessive inhalation can cause nasal and respiratory irritation and/or damage, dizziness, nausea, headache and possible unconsciousness.

Eyes: Can cause irritation, redness, tearing and blurred vision.

Skin: Prolonged or repeated exposure can cause moderate irritation.

## 5. Fire Fighting Measures

**Flash Pt:** 250.00 F (121.1 C)

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

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** No data available.

**Fire Fighting Instructions:** Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Evacuate area in case of overheating or fire. Vapors are heavier than air and may travel to a source of ignition and flash back. Static electricity will accumulate and may ignite vapors.

**Flammable Properties and Hazards:** No data available.

## 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:** Shut off ignition sources. Stop spill at source, contain spill and keep from entering waterways or sewers. Small quantities may be soaked up on inert absorbents.

## 7. Handling and Storage

**Precautions To Be Taken in Handling:** Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Avoid release to the environment. Keep out of the reach of children.

**Precautions To Be Taken in Storing:** Store locked up. Store container tightly closed in well-ventilated place.



## 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.
8052-41-3	Stoddard solvent	PEL: 500 ppm	TLV: 100 ppm	No data.
1344-28-1	Aluminum oxide	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	No data.
8042-47-5	Technical white oil* (regulated as mist only)	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** If workplace exposure limits of the product or any component are exceeded, a NIOSH/MSHA respirator is advised in the absence of proper environmental controls. OSHA regulations also permit other NIOSH/MSHA respirator (negative pressure type) under specific conditions. Engineering of administrative controls should be implemented to reduce exposure.

**Eye Protection:** Compliance with OSHA regulations is advised.

**Protective Gloves:** Wear chemical resistant gloves.

**Other Protective Clothing:** To prevent skin contact, wear impervious clothing.

**Engineering Controls (Ventilation etc.):** Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s).

## 9. Physical and Chemical Properties

**Physical States:**  Gas  Liquid  Solid

**Appearance and Odor:** No data available.

**Melting Point:** No data.

**Boiling Point:** No data.

**Autoignition Pt:** No data.

**Flash Pt:** 250.00 F (121.1 C)

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

**Specific Gravity (Water = 1):** 1.007

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Evaporation Rate:** No data.

**Solubility in Water:** No data.

**Viscosity:** 12,500 cP

**pH:** 7 - 8.5

**Percent Volatile:** 7.0 %

## 10. Stability and Reactivity

**Stability:** Unstable  Stable

**Conditions To Avoid - Instability:** No data available.

**Incompatibility - Materials To Avoid:** Strong oxidizing agents.

**Hazardous Decomposition Or Byproducts:** No data available.

**Possibility of Hazardous Reactions:** Will occur  Will not occur

**Conditions To Avoid -** No data available.



**Hazardous Reactions:**

**11. Toxicological Information**

**Toxicological Information:** No data available.

CAS# 7732-18-5:  
Other Studies:, TDLo, Oral, Species: Rabbit, 3502. GM/KG, 2 W.  
Results:  
Behavioral: Convulsions or effect on seizure threshold.  
Behavioral: Muscle weakness.  
Related to Chronic Data - death.  
- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, TDLo, Oral, Infant, 333.0 GM/KG.  
Results:  
Behavioral: Convulsions or effect on seizure threshold.  
Gastrointestinal:Hypermotility, diarrhea.  
Nutritional and Gross Metabolic:Changes in:Body temperature increase.  
- Archives of Disease in Childhood., British Medical Journal, Box 560B, Kennebunkport, ME 04046, Vol/p/yr: 54,551, 1979

Acute toxicity, TDLo, Oral, Human, 42.86 GM/KG.  
Results:  
Behavioral: Tremor.  
Behavioral: Muscle contraction or spasticity.  
- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428 E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Rectal, Species: Woman, 180.0 GM/KG, 28 H.  
Results:  
Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Mydriasis (pupillary dilation).  
Behavioral: Convulsions or effect on seizure threshold.  
Gastrointestinal:Nausea or vomiting.  
- Journal of the American Medical Association, American Medical Association, 535 N. Dearborn St., Chicago, IL 60610, Vol/p/yr: 104,1569, 1935

Acute toxicity, LD50, Oral, Rat, 90.00 ML/KG.  
Results:  
Kidney, Ureter, Bladder: Changes in liver weight.  
- Food Research., For publisher information, see JFDSAZ, Champaign, IL, Vol/p/yr: 21,348, 1956

Acute toxicity, LD50, Intraperitoneal, Mouse, 190.0 GM/KG.  
Results:  
Kidney, Ureter, Bladder: Changes in liver weight.  
Kidney, Ureter, Bladder: Changes in bladder weight.  
- National Technical Information Service, Vol/p/yr: AD628-313,

Acute toxicity, LD50, Intravenous, Mouse, 25.00 GM/KG.  
Results:  
Nutritional and Gross Metabolic:Weight loss or decreased weight gain.  
Related to Chronic Data - death.



# SAFETY DATA SHEET

## Cyclo Headlight Restore

Revision: 01/16/2015  
Supersedes Revision: 04/04/2012

- Microvascular Research., Academic Press, Inc., 1 E. First St., Duluth, MN 55802,  
Vol/p/yr: 8,320, 1974

Acute toxicity, LDLO, Oral, Dog, 629.0 GM/KG.

Results:

Kidney, Ureter, Bladder: Changes in liver weight.

Kidney, Ureter, Bladder: Changes in bladder weight.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428  
E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Oral, Species: Cat, 320.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428  
E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Oral, Species: Rabbit, 368.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428  
E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Intravenous, Species: Rabbit, 13.00 GM/KG.

Results:

Blood:Other hemolysis with or without anemia.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428  
E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

Acute toxicity, LDLO, Rectal, Species: Rabbit, 450.0 GM/KG.

Results:

Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Mydriasis (pupillary  
dilation).

Behavioral: Muscle contraction or spasticity.

Gastrointestinal: Changes in structure or function of salivary glands.

- Journal of the American Medical Association, American Medical Association, 535 N.  
Dearborn St., Chicago, IL 60610, Vol/p/yr: 104,1569, 1935

Acute toxicity, LDLO, Oral, Species: Guinea pig, 429.0 GM/KG.

Results:

Behavioral: Convulsions or effect on seizure threshold.

- Journal of Pharmacology and Experimental Therapeutics, Williams & Wilkins Co., 428  
E. Preston St., Baltimore, MD 21202, Vol/p/yr: 29,135, 1926

CAS# 1344-28-1:

Tumorigenic Effects:, TDLo, Intrapleural, Rat, 90.00 MG/KG.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Lungs, Thorax, or Respiration: Tumors.

- British Journal of Cancer., Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire  
RG21 2XS UK, Vol/p/yr: 28,173, 1973

Tumorigenic Effects:, TDLo, Implant, Rat, 200.0 MG/KG.



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Revision: 01/16/2015  
Supersedes Revision: 04/04/2012**Results:**

Tumorigenic: Neoplastic by RTECS criteria.

Tumorigenic: Tumors at site of application.

- JNCI, Journal of the National Cancer Institute., For publisher information, see JNCIEQ., Washington, DC, Vol/p/yr: 67,965, 1981

Tumorigenic Effects:, TDLo, Implant, Rat, 200.0 MG/KG.

**Results:**

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Tumorigenic: Tumors at site of application.

- IARC Scientific Publications., For publisher information, see IAPUDO, Geneva Switzerland, Vol/p/yr: 8,289, 1973

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
8052-41-3	Stoddard solvent	n.a.	n.a.	n.a.	n.a.
1344-28-1	Aluminum oxide	n.a.	n.a.	A4	n.a.
8042-47-5	Technical white oil* (regulated as mist only)	n.a.	n.a.	n.a.	n.a.

## 12. Ecological Information

No data available.

## 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-Restricted**DOT Hazard Class:****UN/NA Number:****LAND TRANSPORT (European ADR/RID):****ADR/RID Shipping Name:****UN Number:****Hazard Class:****MARINE TRANSPORT (IMDG/IMO):****IMDG/IMO Shipping Name:** Not-Restricted

## 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
8052-41-3	Stoddard solvent	No	No	No
1344-28-1	Aluminum oxide	No	No	Yes
8042-47-5	Technical white oil* (regulated as mist only)	No	No	No



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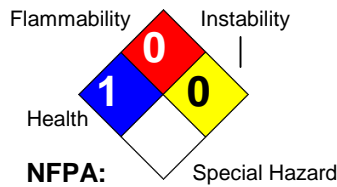
Revision: 01/16/2015  
Supersedes Revision: 04/04/2012

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; 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
8052-41-3	Stoddard solvent	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1736; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
1344-28-1	Aluminum oxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 2891; NY Part 597: No; PA HSL: Yes - E; SC TAP: No; WI Air: No
8042-47-5	Technical white oil* (regulated as mist only)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - 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)	International Regulatory Lists
7732-18-5	Water	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
8052-41-3	Stoddard solvent	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
1344-28-1	Aluminum oxide	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
8042-47-5	Technical white oil* (regulated as mist only)	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

### 16. Other Information

Revision Date: 01/16/2015

Hazard Rating System:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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