

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:** C30
Product Name: Engine Clean Degreaser
- 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
- 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: Oral, Category 4
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1
Aspiration Toxicity, Category 1
- 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:

- H302: Harmful if swallowed.
- H304: May be fatal if swallowed and enters airways.
- H318: Causes serious eye damage.
- H280: Contents under pressure. May explode if heated.

GHS Precaution Phrases:

- 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.
- P271: Use only outdoors or in a well-ventilated area.
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.

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



Section 6. Accidental Release Measures

6.3 Methods and Material For Containment and Cleaning Up: Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material & place in closed containers for disposal.

Section 7. Handling and Storage

7.1 Precautions To Be Taken in Handling: Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Keep out of the reach of children.

7.2 Precautions To Be Taken in Storing: Do not store above 120 degrees F.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

| CAS # | Partial Chemical Name | Britain EH40 | France VL | Europe |
|------------|---|---|----------------------------|-----------------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | No data. | No data. | No data. |
| 68439-46-3 | Alcohol ethoxylate | No data. | No data. | No data. |
| 124-38-9 | Carbon dioxide | TWA: 9150 mg/m3 (5000 ppm) STEL: 27400 mg/m3 (15000 ppm) | TWA: 9000 mg/m3 (5000 ppm) | TWA: 9000 mg/m3 |

| CAS # | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|------------|---|---------------|-----------------------------------|--------------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | No data. | TLV: 200 mg/m3 | No data. |
| 68439-46-3 | Alcohol ethoxylate | No data. | No data. | No data. |
| 124-38-9 | Carbon dioxide | PEL: 5000 ppm | TLV: 5000 ppm STEL: 30,000 ppm | No data. |

8.2 Exposure Controls:

8.2.1 Engineering Controls (Ventilation etc.): Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit & LEL below stated limit.

8.2.2 Personal protection equipment:

- Eye Protection:** Chemical goggles; also wear a face shield if splashing hazard exists.
- Protective Gloves:** Solvent resistant gloves required for prolonged or repeated contact.
- Other Protective Clothing:** Use of solvent resistant aprons or other clothing is recommended.
- Respiratory Equipment (Specify Type):** Avoid breathing vapors. Use with adequate ventilation equal to out of doors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles & vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.
- Work/Hygienic/Maintenance Practices:** Use in a well ventilated area. To prevent vapor build up, open doors & windows or use an explosion-proof exhaust fan to ensure fresh air exchange during & after use. Do not breathe vapor, gas or spray mist.



Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

| | | |
|---|--|---------------|
| Physical States: | [] Gas [X] Liquid [] Solid | |
| Appearance and Odor: | Clear, colorless to slightly discolored solution with aromatic odor. | |
| Melting Point: | No data. | |
| Boiling Point: | 310.00 F (154.4 C) - 410.00 F (210.0 C) | |
| Flash Pt: | >= 70.00 C (158.0 F) Method Used: Pensky-Marten Closed Cup | |
| Evaporation Rate: | No data. | |
| Explosive Limits: | LEL: No data. | UEL: No data. |
| Vapor Pressure (vs. Air or mm Hg): | No data. | |
| Vapor Density (vs. Air = 1): | No data. | |
| Specific Gravity (Water = 1): | .81 | |
| Solubility in Water: | NIL | |
| Autoignition Pt: | No data. | |

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 - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]
- 10.4 Conditions To Avoid - Instability:** Application to hot surfaces. Storage above 120F. Exposure to open flame.
- 10.5 Incompatibility - Materials To Avoid:** Contact with oxidizing agents.
- 10.6 Hazardous Decomposition Or Byproducts:** May produce fumes when heated to decomposition. Fumes may contain carbon monoxide & other toxic fumes.



Section 11. Toxicological Information

11.1 Information on Toxicological Effects: No data available.

| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA |
|------------|---|------|------|-------|------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | n.a. | n.a. | A4 | n.a. |
| 68439-46-3 | Alcohol ethoxylate | n.a. | n.a. | n.a. | n.a. |
| 124-38-9 | Carbon dioxide | n.a. | n.a. | n.a. | n.a. |

Section 12. Ecological Information

Section 13. Disposal Considerations

13.1 Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulation.

Section 14. Transport Information

14.1 LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Consumer Commodity
DOT Hazard Class: ORM-D ORM-D
UN/NA Number:

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Aerosols, Ltd. Qty.
UN Number: 1950
Hazard Class: N.A. **ADR Classification:** 2.1

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, Ltd. Qty.
UN Number: 1950 **Packing Group:**
Hazard Class: N.A. **IMDG Classification:** 2.2
Marine Pollutant: No

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, non-flammable, 2.2, Ltd. Qty.
UN Number: 1950
Hazard Class: N.A. **IATA Classification:** 2.2

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) |
|------------|---|--------------|-----------|--------------|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | No | No | No |
| 68439-46-3 | Alcohol ethoxylate | No | No | No |
| 124-38-9 | Carbon dioxide | No | No | No |

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

| | | |
|------------|---|--|
| 64742-47-8 | Hydrotreated light distillate (petroleum) | 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 |
| 68439-46-3 | Alcohol ethoxylate | 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; |



SAFETY DATA SHEET
Engine Clean Degreaser

Revision: 10/02/2014

Supersedes Revision: 05/20/2014

PA HSL: No; SC TAP: No; WI Air: No

124-38-9 Carbon dioxide

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0343; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes

CAS # Hazardous Components (Chemical Name)

64742-47-8 Hydrotreated light distillate (petroleum)

68439-46-3 Alcohol ethoxylate

124-38-9 Carbon dioxide

International Regulatory Lists

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

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

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

European Community Hazard Symbol codes:

European Community Risk and Safety Phrases:

No data available.

Section 16. Other Information

Revision Date: 10/02/2014

Additional Information About This Product: No data available.

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