

CYCLO[®] INDUSTRIES, LLC

MATERIAL SAFETY DATA SHEET

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This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Cyclo Industries, LLC considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

SECTION 1 — PRODUCT IDENTIFICATION

Product Name: C-30 Cyclo[®] Low V.O.C. Engine Clean[®] Degreaser

Common Code: 902319

Hazardous Material Description: DOT = Aerosols, Consumer Commodity ORM-D, Freight Class 55
IMDG = Aerosols, Limited Quantity, Class 2, UN1950

HMIS Code: HEALTH=2 FLAMMABILITY=4 REACTIVITY=0

SECTION 2 — PHYSICAL DATA

Boiling Range: -20°F - 625°F

Specific Gravity: 0.843 g/ml

Vapor Pressure @ 70EF: Not determined

Vapor Density: Not determined

Percent Volatile By Volume (%): 95%

Percent Solids By Weight (%): Not determined

Solubility in Water: Soluble

pH: Not determined

Evaporation Rate (N-Butyl Acetate = 1): Not determined

Volatile Organic Compound (VOC) (as packaged minus water): <50%

Appearance and Odor: Clear to slightly hazy, amber to light brown, fuel oil odor

SECTION 3 — HAZARDOUS INGREDIENTS			
CAS Reg. No.	Material	Percentage	TLV Units
68476-34-6	No. 2 Diesel Fuel	20 - 30	100 ppm
64742-94-5	Solvent Emco 150	5 - 15	100 ppm
9016-45-9	Poly (oxy-1, 2-ethane-diyl), alpha-(nonylphenyl)-omega-hydroxy	0 - 5	Not Established
91-20-3	Naphthalene	0 - 5	10 ppm (52 mg/m3) TWA ACGIH 15 ppm (75 mg/m3) STEL ACGIH
95-63-6	1, 2, 4 Trimethylbenzene	0 - 1	25 ppm (123 mg/m3) TWA ACGIH
64742-47-8	Cycloparaffinic, Isoparaffinic & Normal Paraffinic hydrocarbons	40 - 50	500 ppm PEL
74-98-6	Propane	10	1000 ppm

SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

Flash Point: -20°F

Method Used: T.C.C.

Extinguishing Media: Chemical, foam, carbon dioxide

Special Fire Fighting Procedures: The use of self-contained breathing apparatus is recommended for fire fighters. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning liquid with water used for cooling purposes.

Unusual Fire and Explosion Hazards: Prolonged exposure to temperatures above 130°F may cause cans to burst.

SECTION 5 — HEALTH HAZARD DATA

Effects of Overexposure:

- Ingestion: Harmful or fatal.
- Inhalation: May cause breathing difficulties.
- Skin Contact: May cause irritation.
- Eye Contact: May cause irritation.

First Aid Procedures:

- Ingestion: Do not induce vomiting. Contact a physician immediately.
- Skin Contact: Remove contaminated clothing and wash with soap and water.
- Inhalation: Remove to fresh air. Administer oxygen if needed. Get immediate medical attention.
- Eye Contact: Flush with plenty of water for 15 minutes. Contact physician if irritation persists.

SECTION 6 — REACTIVITY DATA

Stability: Stable Conditions to Avoid: Temperatures above 130EF.

Incompatibility (materials to avoid): None known.

Hazardous Decomposition Products: None known

Hazardous Polymerization: Will not occur

SECTION 7 — SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not normally required.

Ventilation: Local Exhaust Rate: Recommended Special: None
Mechanical (General): Acceptable

Protective Gloves: Rubber gloves Eye Protection: Use safety glasses.

Other Protective Equipment: None

SECTION 8 — SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released or Spilled: Pick up excess with absorbent material and discard in accordance with regulations. Flush surfaces with IPA and then rinse with soap and water.

Waste Disposal Method: Waste must be disposed in accordance to local, state and federal regulations.

SECTION 9 — SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Contents under pressure. Do not store below 32°F or above 130°F. Do not puncture or incinerate container. Do not use or store near heat, sparks or open flame.

Other precautions: Recommended use with ventilation. Keep this and all chemicals out of the reach of children.

Date entered: 7/8/97

Date revised: 1/2/02

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