

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-10, C-12 & C-16 Cyclo Break•Away[®] Fast Penetrating Oil

Hazardous Material Description: DOT - Consumer Commodity ORM-D
IMDG - Aerosols, Limited Quantity, Class 2, UN 1950

HMIS Code: HEALTH=1 FLAMMABILITY=4 REACTIVITY=0

SECTION 2 — PHYSICAL DATA

Boiling Point: 266°F Specific Gravity: 0.896

Vapor Pressure: Not determined. Vapor Density: >air

Percent Volatile By Volume (%): 96% Percent Solids By Weight (%): 4%

Solubility in Water: Slightly pH: Not applicable.

Evaporation Rate (N-Butyl Acetate = 1): >1

Appearance and Odor: Amber brown liquid, light viscosity, pungent odor.

Volatile Organic Compound: 25% by weight

SECTION 3 — HAZARDOUS INGREDIENTS

<u>CAS Reg. No.</u>	<u>Material</u>	<u>Percentage</u>	<u>PEL</u>
108-94-1	Cyclohexanone	<10%	50 ppm
7727-73-3	Sodium sulfonate	<5%	Not determined
8012-95-1	Paraffin Oil	<90%	5 mg/m ³ (oil mist, mineral)
74-98-6	Propane/Isobutane	<20%	1000 ppm

SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

Flash Point: <-20°F

Method Used: T.C.C.

Flammable Limits In Air % By Volume at:

Lower Explosion Limit (LEL) = 1.1

Upper Explosion Limit (UEL) = 9.4

Extinguishing Media: Foam, carbon dioxide, dry chemical

Special Fire Fighting Procedures: Self contained breathing apparatus recommended. Caution: Direct water jet will spread burning material.

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: Nausea, sickness. Could be harmful or fatal.

Inhalation: May cause breathing difficulties.

Skin Contact: Prolonged contact may cause irritation.

Eye Contact: May be irritating.

First Aid Procedures:

Ingestion: Do not induce vomiting. Contact physician immediately.

Skin Contact: Wash with soap and water.

Inhalation: Remove to fresh air. Administer oxygen if necessary.

Eye Contact: Flush with excess water for 15 minutes. Consult physician if irritation persists.

SECTION 6 — REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None.

Incompatibility (materials to avoid): Strong oxidizers, acids and bases.

Hazardous Decomposition Products: Oxides of carbon and sulfur upon incomplete combustion.

Hazardous Polymerization: Will not occur.

SECTION 7 — SPECIAL PROTECTION INFORMATION

Respiratory Protection: Above TLV B use NIOSH/MESA approved respirator for organic vapors.

Ventilation: Local exhaust is recommended.

Protective Gloves: None.

Eye Protection: Safety glasses.

Other Protective Equipment: As needed to eliminate skin contact.

SECTION 8 — SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released or Spilled: Blot with absorbent material. Discard in trash properly. Flush with IPA, rinse with soap and water.

Waste Disposal Method: Waste must be disposed of according to local, state and federal regulations.

CERCLA (Superfund) Reportable Quantity (in lb.): Not applicable.

RCRA Hazardous Waste No. (40 CFR 261.33): Not applicable.

SECTION 9 — SPECIAL PRECAUTIONS

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

Other precautions: Keep this and all chemicals out of the reach of children.

Date revised: 3/16/01

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