

**SECTION 8 — SPILL OR LEAK PROCEDURES continued**

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.

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**CYCLO® INDUSTRIES, LLC  
MATERIAL SAFETY DATA SHEET**

10190 Riverside Drive, Palm Beach Gardens, Florida 33410-4881

Phone: (561) 775-9600

First Aid Emergency: (800) 752-7869, Extension 10 (USA only)  
Outside USA call collect 1 (312) 942-5969, Ext. 10  
Shipping Emergency: (800) 424-9300

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, Freight Class 55  
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

**SECTION 2 — PHYSICAL DATA – continued**

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

Volatile Organic Compound: 25% by weight

**SECTION 3 — HAZARDOUS INGREDIENTS**

CAS Reg No.	Material	Percentage	PEL
108-94-1	Cyclohexanone	<10%	50 ppm
7727-73-3	Sodium sulfonate	<5%	Not determined
8012-95-1	Paraffin Oil	<90%	5 mg/m <sup>3</sup> (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: LEL = 1.1 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.

**SECTION 5 — HEALTH HAZARD DATA – continued**

Threshold Limit Value: (Estimated) 1525 ppm

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. Conditions to Avoid: Not applicable.

**SECTION 7 — SPECIAL PROTECTION INFORMATION**

Respiratory Protection:

Above TLV – 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.