



CYCLO[®] INDUSTRIES, INC.

MATERIAL SAFETY DATA SHEET

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, Inc. 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 AND COMPANY IDENTIFICATION

Product Name: Cyclo[®] Break Away[®] Fast Penetrating Oil, Stock Nos. C-13 & C-15

Product Use: Penetrates and frees rusted, frozen parts – bolts, locks, engine parts, hinges, etc., lubricates moving parts and inhibits rust and corrosion.

Manufactured by: Cyclo Industries, Inc, 401 Maplewood Drive, Suite 18, Jupiter, FL 33458
Telephone: (561) 775-9600

First Aid Emergency: (800) 752-7869 or (312) 906-6194
Shipping Emergency: (800) 424-9300 or (703) 527-3887 (CHEMTREC)

HMIS Code: Health = 2 Flammability = 2 Reactivity = 0

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

CAS Reg. No.	Material	Percentage	Exposure Limits
00108-94-1	Cyclohexanone	<10	50 ppm - OSHA PEL/TWA 25 ppm - ACGIH TLV/TWA

SECTION 3 - HAZARDS IDENTIFICATION

Effects of Overexposure:

Inhalation: Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness and stupor (CNS depression).

Ingestion: Ingestion may result in nausea, vomiting, diarrhea and restlessness.

Skin Contact: Skin irritant. Prolonged or repeated contact can result in defatting and drying of skin which may result in skin irritation and dermatitis (rash).

Eye Contact: Damage to eyes is reversible. Causes eye irritation.

Chronic Hazards: May cause liver disorder, (e.g., edema, proteinuria) and damage.

Carcinogenicity: NTP Carcinogen = No; IARC Monographs = No; OSHA Regulated = No

SECTION 4 - FIRST AID MEASURES

First Aid Procedures:

- Ingestion:** Never give anything by mouth to an unconscious person. Have patient drink several glasses of water, then induce vomiting by having patient tickle back of throat with finger. Keep airway clear. Get medical attention immediately.
- Skin Contact:** Remove contaminated clothing and shoes and clean before reuse. Wash with soap and water. Seek medical attention if irritation develops or persists.
- Inhalation:** Remove victim to fresh air and treat symptomatically. Provide oxygen if breathing is difficult. Give artificial respiration if the victim is not breathing. Get immediate medical attention.
- Eye Contact:** Immediately flush eyes with copious amounts of water for at least 15 minutes while holding eyelids open. Get medical attention if irritation persists.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: 154°F (68°C) **Method Used:** TCC

Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide.

Special Fire Fighting Procedures: Water may be ineffective. Water spray to cool containers or protect personnel. Use with caution. As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: Combustible liquid and vapor. Vapors can travel to a source of ignition and flash back.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Collect spilled materials for proper disposal. Avoid runoff into storm sewers and ditches which lead to waterways.

SECTION 7 - HANDLING AND STORAGE

Handling & Storage Procedures: Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. After contact with product or container, wash with soap and water before eating, drinking, smoking or using toilet facilities. Store containers in a cool, well ventilated place. See product label for additional information. **KEEP OUT OF THE REACH OF CHILDREN.**

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA approved respirators may be necessary if airborne concentrations are expected to exceed exposure limits.

Ventilation: Use explosion-proof ventilation equipment. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Protective Clothing: Wear impervious protective gloves and protective clothing to prevent contact with skin and clothing.

Eye Protection: Safety glasses with splash guards or full face shield is recommended.

Work/Hygienic Practices: Eye washes and safety showers in the workplace are recommended. Do not eat, drink or smoke in areas where this material is used. Wash thoroughly after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not determined

Specific Gravity: 0.9105

Vapor Density (Air=1): >1

Solubility in Water: Partial

Evaporation Rate (Ether = 1): <1

Appearance and Odor: Clear, transparent, brownish-red liquid with typical odor

Volatile Organic Compound (VOC): <10%

SECTION 10 - STABILITY AND REACTIVITY

Stability: Not determined

Incompatibility (materials to avoid): Keep away from strong bases. Prevent contact with strong oxidizing agents. Keep away from acids.

Hazardous Decomposition or Byproducts: Carbon dioxide and carbon monoxide may be formed during combustion.

Hazardous Polymerization: Not determined

SECTION 11 - TOXICOLOGICAL INFORMATION

Toxicological Data:

<u>Chemical Name</u>	<u>LD50 mg/kg</u>
Cyclohexanone	1900.0

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic/Terrestrial Toxicity Environmental Fate No data is available at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

SECTION 14 - TRANSPORT INFORMATION

U.S. DOT

Shipping Description: Not regulated
ID Number: Not applicable
Hazard Class: Not applicable
Packing Group: Not applicable
Label: Not applicable
Placards: Not applicable

IMDG

Shipping Description: Not regulated
ID Number: Not regulated
Hazard Class: Not applicable
Packing Group: Not applicable
Label: Not applicable
Markings: Not applicable
Placards: Not applicable

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory: All components of this product are listed on the Toxic Substance Control Act (TSCA) Inventory of chemical substances maintained by the U.S. Environmental Protection Agency.

SARA Extremely Hazardous Substances None

SARA Section 313 This product does not contain any toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (SARA 313 – Toxic Chemical Release Reporting)

CERCLA/Superfund (RQ): This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects and other reproductive harm.

SECTION 16 - OTHER INFORMATION

Document Date: 10/3/08

Supersedes: 8/13/08

Revisions: 12/29/05: Section I – address.

1/08/08: Cyclo Industries incorporated. DOT hazard information updated.

8/13/08: Cyclo Industries, Inc

10/3/08: Formula review

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