# CYCLO<sup>®</sup> 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-2000 & C-2001 Cyclo<sup>®</sup> UltraCoat<sup>™</sup> Engine Treatment

Hazardous Material Description: DOT & IMDG = Petroleum Lubricating Oil, N.O.S., Non-hazardous

## **SECTION 2 - PHYSICAL DATA**

Boiling Point: Greater than 395°F (201.5°C)

Vapor Pressure (mm Hg): @ about 70°F <<1

Solubility in Water: Not soluble

Vapor Density (AIR=1): >1 (heavier than air)

Melting Point: Not applicable

Specific Gravity  $(H_20=1)$ : 0.88

Evaporation Rate (Butyl Acetate = 1): <<1 (slower)

Appearance and Odor: Clear, pale yellow with low oily odor

SECTION 3 - HAZARDOUS INGREDIENTS			
CAS Reg. No.	Material	Percentage	Exposure Limits
CAS Reg. No.	Iviaterial	<u>i cicentage</u>	Exposure Linnes

This product does not contain any hazardous ingredients.

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 335°F (168.2°C)

Method Used: COC

Extinguishing Media: Foam, dry chemical, water spray or carbon dioxide

- Flammable Limits In Air % By Volume at: Lower Explosion Limit (LEL): Not determined Upper Explosion Limit (UEL): Not determined
- Special Fire Fighting Procedures: Wear full protective fire gear including self-contained breathing apparatus with full face piece.

Unusual Fire and Explosion Hazards: Product of combustion includes fumes, smoke and carbon monoxide.

#### SECTION 5 - HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion:Essentially nontoxic product may cause irritations.Inhalation:Vapors of overheated product may cause irritations.Skin Contact:On prolonged contact, irritation may occurEye Contact:May cause irritation.

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

Health Hazards (Acute and Chronic): The polymer and mineral oil are acute, essentially non-toxic. Chronic effects are not known.

Medical Conditions Generally Aggravated By Exposure: None known.

First Aid Procedures:

Skin Contact: Wipe off excess, wash with soap and water.
Inhalation: In case of inhalation of overheated product, move from source of exposure and inhale fresh air. Consult physician.
Eye Contact: Immediately rinse eyes with eyelids retracted for at least 15 minutes with water. Consult physician.

## **SECTION 6 - REACTIVITY DATA**

Stability: Stable

Conditions to Avoid: Overheating of product, long term temperature limit 215° F.

Incompatibility (materials to avoid): Strong oxidizing agents.

Hazardous Decomposition Products: On overheating, irritating oil vapors are formed.

Hazardous Polymerization: Will not occur.

#### SECTION 7 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Necessary only when handling overheated product. Use respirator with cartridge to remove organic chemical vapors.

Ventilation:

Local Exhaust Rate: May be used Special: Not necessary Mechanical (General): May be used

Protective Gloves: PVC type

Eye Protection: Chemical worker goggles

Other Protective Equipment: Not necessary.

Work/Hygienic Practices: Eye washes and safety showers in the workplace are recommended.

## **SECTION 8 - SPILL OR LEAK PROCEDURES**

- Steps To Be Taken In Case Material Is Released or Spilled: Report spills as required to appropriate authorities. On the ground, use sawdust, diatomaceous earth, scrape and remove.
- 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.

CERCLA (Superfund) Reportable Quantity: Not applicable

#### **SECTION 9 - SPECIAL PRECAUTIONS**

Precautions To Be Taken In Handling and Storage: None necessary

Other precautions: Keep away from children.

Date entered: 12/23/93

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