



# CYCLO<sup>®</sup> INDUSTRIES, LLC

## 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, 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 I – PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Cyclo<sup>®</sup> Premium Gold Concentrated Oil Treatment, Stock No. C-90

**Product Use:** Cleans and quiets valves, rings and lifters. Reduces friction and wear. Fights oil breakdown, dirt and sludge. Neutralizes harmful acids. Helps stop oil burning and helps restore compression.

**Manufactured by:** Cyclo Industries, LLC  
10190 Riverside Drive, Palm Beach Gardens, Florida 33410-4881  
Telephone: (561) 775-9600

**First Aid Emergency:** (800) 752-7869 or (312) 906-6194

**Shipping Emergency:** (800) 424-9300 or (703) 527-3887 (CHEMTREC)

### SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

CAS Reg. No.	Material	Percentage	Exposure Limits
64742-54-7 64742-53-6 64742-52-5	Severely hydrotreated petroleum oil	80 – 90	Non hazardous
Not assigned	Ethylene propylene copolymer	5 – 15	Non hazardous
68649-42-3	Dialkyldithiophosphoric acid, zinc salt	0.1 – 10	Non hazardous
68784-26-9	Calcium alkyphenate	0.1 – 5	Non hazardous

### SECTION 3 – HAZARDS IDENTIFICATION

**Effects of Overexposure:**

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

**SECTION 3 – HAZARDS IDENTIFICATION continued**

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

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

**SECTION 4 – FIRST AID MEASURES**

**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.

**Medical Conditions Generally Aggravated By Exposure:** None known.

**SECTION 5 – FIRE FIGHTING MEASURES**

**Flash Point:** 335°F (168°C) **Method Used:** COC

**Flammable Limits in Air by Volume:** Not determined

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

**Special Fire Fighting Procedures:** Fire fighters should wear respiratory protection

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

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Spill/Leak Procedures:** Report spills as required to appropriate authorities. On the ground, use sawdust, diatomaceous earth, scrape and remove.

**SECTION 7 – HANDLING AND STORAGE**

**Handling & Storage Procedures:** No special measures necessary. See product label for additional information. KEEP OUT OF THE REACH OF CHILDREN.

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION**

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

**Ventilation:** Local Exhaust – May be used Mechanical (General) – May be used

**SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION continued**

**Protective Gloves:** PVC type

**Eye Protection:** Chemical worker goggles.

**Other Protective Clothing or Equipment:** Not necessary.

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

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** >395°F (202°C)

**Specific Gravity (H<sub>2</sub>O=1):** 0.88

**Vapor Pressure (mmHg @ 70°F):** <<1

**Vapor Density (Air=1):** >1 (heavier than air)

**Solubility in Water:** Not soluble

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

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

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** Stable

**Conditions to Avoid:** Overheating of product, long term temperature limit 215°F (102°C).

**Incompatibility (materials to avoid):** Strong oxidizing agents

**Hazardous Decomposition or Byproducts:** On overheating, irritating oil vapors are formed.

**Hazardous Polymerization:** Will not occur.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**Toxicological Data:** Long-term toxicological studies have not been conducted for this product. See Section 3 of this MSDS for acute symptoms of overexposure and carcinogenicity information.

**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. Do not flush to drain. Before attempting clean up, refer to other sections of this MSDS for hazard caution information.

<b>SECTION 14 – TRANSPORT INFORMATION</b>
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**U.S. DOT:**

<b>Shipping Description:</b>	Not regulated
<b>ID Number:</b>	Not regulated
<b>Hazard Class:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Label:</b>	Not applicable
<b>Placards:</b>	Not applicable

**IMDG:**

<b>Shipping Description:</b>	Not regulated
<b>ID Number:</b>	Not regulated
<b>Hazard Class:</b>	Not applicable
<b>Packing Group:</b>	Not applicable
<b>Label:</b>	Not applicable
<b>Markings:</b>	Not applicable
<b>Placards:</b>	Not applicable

<b>SECTION 15 – REGULATORY INFORMATION</b>
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**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(s) 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 CERC LA 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.

<b>SECTION 16 – OTHER INFORMATION</b>
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**Document Date:** May 10, 2004

**Supersedes:** July 14, 1994

**Revisions:** Added Sections 11, 12, 13 and 15

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