

# 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 1 – PRODUCT & COMPANY IDENTIFICATION

**Product Name:** Cyclo<sup>®</sup> Anti-Seize, Stock Nos. C-681 & C-682

**Product Use:** Heavy Duty Lubricating Compound

**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
7429-90-5	Aluminum powder	0.1 - 10	5mg/M <sup>3</sup> ACGIH TLV

### SECTION 3 – HAZARDS IDENTIFICATION

**Effects of Overexposure:**

Ingestion: No ill effects expected for small amount.

Inhalation: Not likely

Skin Contact: Prolonged or repeated contact may lead to skin irritation in some individuals.

Eye Contact: Irritant

**Health Hazards (Acute and Chronic):** None known

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

**Medical Conditions Generally Aggravated by Exposure:** May aggravate pre-existing skin disorders

**SECTION 4 – FIRST AID MEASURES**

**First Aid Procedures:**

Ingestion: Get medical attention.

Skin Contact: Wash with soap and water

Eye Contact: Flush thoroughly with water for 15 minutes. Get medical attention.

**SECTION 5 – FIRE FIGHTING MEASURES**

**Flash Point:** 360°F (182°C)

**Method Used:** C.O.C.

**Flammable Limits in Air by Volume:**

Lower Explosion Level (LEL) = Not applicable

Upper Explosion Level (UEL) = Not applicable

**Extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical

**Special Fire Fighting Procedures:** Water spray may be ineffective. Dense smoke may be generated while burning. Use NIOSH approved respirator and protective clothing.

**Unusual Fire and Explosion Hazards:** Decomposition vapors may be harmful.

**NFPA Rating:** Health = 1 Flammability = 1 Reactivity = 1

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Spill/Leak Procedures:** Remove any source of ignition. Scoop up as much as possible. Cover the remainder with an oil absorbent such as sand, earth or sweeping compound.

**SECTION 7 – HANDLING AND STORAGE**

**Handling Procedures:** KEEP OUT OF THE REACH OF CHILDREN.

**Storage Procedures:** Store away from sparks or open flames. Do not store above 120°F.

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

**Respiratory Protection:** None needed under normal use

**Ventilation:** Not applicable

**Protective Gloves:** Oil resistant.

**Eye Protection:** Safety glasses or chemical goggles are recommended.

**Other Protective Equipment:** Protective clothing to prevent skin contact.

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

**Work/Hygienic Practices:** Eye washes and safety showers in the workplace are recommended. Wash hands before meals and at end of shift.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling Point:** 600°F (315°C) **Specific Gravity (H<sub>2</sub>O=1):** 1.1

**Vapor Pressure (mm Hg @70°C):** <0.1 **Vapor Density:** Not available

**Solubility in Water:** Negligible **pH:** Not available

**Percent Volatile By Volume (%):** Not available

**Evaporation Rate (Butyl Acetate = 1):** Not available

**Appearance and Odor:** Silver grey paste with very little odor

**SECTION 10 – STABILITY AND REACTIVITY**

**Stability:** Stable

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

**Hazardous Decomposition or Byproducts:** CO, CO<sub>2</sub>

**Hazardous Polymerization:** Will not occur

**SECTION 11 – TOXICOLOGICAL INFORMATION**

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** No data is available at this time.

**Toxicity**

**Environmental Fate**

<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>
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**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.

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

<b>Shipping Description:</b>	Non-Hazardous Greases
<b>ID Number:</b>	Not applicable
<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>	Non-Hazardous Greases
<b>ID Number:</b>	Not applicable
<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 contains the following 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)

<u>Chemical Name</u>	<u>CAS#</u>	<u>Weight %</u>
None		

**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:** 4/22/03

**Supersedes:** 2/26/98

**Revisions:** Added Sections 11, 12 & 15.

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