

# 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-51 & C-141 Cyclo<sup>®</sup> Cooling System Anti Rust & Water Pump Lubricant

Hazardous Material Description: Water Based Radiator Product

HMIS Code: HEALTH=1 FLAMMABILITY=0 REACTIVITY=1

### SECTION 2 — PHYSICAL DATA

Boiling Point: 212°F (100°C) Specific Gravity (H<sub>2</sub>O=1): 1.05

Vapor Pressure (mm Hg): Not applicable Vapor Density (AIR=1): <1.0

Percent Volatile By Volume (%): Not applicable pH: 8 to 10

Solubility in Water: Soluble

Appearance and Odor: Clear, water white liquid

Volatile Organic Compound (VOC) (as packaged minus water): 0%

### SECTION 3 — HAZARDOUS INGREDIENTS

<u>CAS Reg No.</u>	<u>Material</u>	<u>Percentage</u>	<u>Exposure Limits</u>
67952-33-4	Boramides	1 -10	Not applicable

#### SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable

Flammable Limits: Not applicable

Lower Explosive Limit (LEL): Not applicable

Upper Explosive Limit (UEL): Not applicable

Extinguishing Media: Carbon dioxide, dry chemical, foam and water fog.

Special Fire Fighting Procedures:

Use SCBA apparatus operated in pressure demand or other positive pressure mode.

Unusual Fire and Explosion Hazards: Combustion can produce toxic oxide of nitrogen.

#### SECTION 5 — HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion: Treat patient for borate ingestion, pH of product is alkaline 8.0 to 10.0.

Inhalation: Respiratory irritation and coughing.

Skin Contact: Irritant.

Eye Contact: Severe irritant.

First Aid Procedures:

Ingestion: If person is conscious, induce vomiting. DO NOT INDUCE AN UNCONSCIOUS PERSON TO VOMIT. Get medical attention immediately.

Skin Contact: Promptly wash the contaminated skin with soap and water for at least 15 minutes. Get medical attention as required.

Inhalation: Move the exposed person to fresh air at once and call emergency medical care. If breathing has stopped, give artificial respiration. If breathing is difficult, give humidified oxygen.

Eye Contact: Immediately wash the eyes with large quantities of room temperature water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately. A follow up visit to an ophthalmologist should be made. Contact lenses should not be worn when working with this chemical.

#### SECTION 6 — REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Copper and strongly alkaline materials and products.

Incompatibility (materials to avoid): Not applicable

Hazardous Decomposition Products: Oxides of nitrogen

Hazardous Polymerization: Will not occur.

## SECTION 7 — SPECIAL PROTECTION INFORMATION

Respiratory Protection: Normally not required.

### Ventilation:

Local Exhaust Rate: Provide local ventilation to maintain exposure levels below any recommended limits.

Special: Not applicable.

Mechanical (General): In confined spaces, mechanical ventilation may be required.

Protective Gloves: Use natural rubber or neoprene gloves as required.

Eye Protection: Use splash proof chemical, safety goggles or appropriate full-face shield.

### Other Protective Clothing or Equipment:

If there is a possibility of exposure of an individual's body to the product, wear body covering clothes to avoid prolonged or repeated exposure.

Work/Hygienic Practices: Use normal hygiene practices.

## SECTION 8 — SPILL OR LEAK PROCEDURES

### Steps To Be Taken In Case Material Is Released or Spilled:

**SMALL SPILLS:** Remove sources of heat or ignition, provide adequate ventilation, contain leak using absorbent, inert, non-combustible material.

**LARGE SPILLS:** Contain spill, transfer to secure containers. In the vent of an uncontrolled material release, the user should determine if release is reportable under applicable laws and regulations.

## SECTION 8 — SPILL OR LEAK PROCEDURES continued

### Waste Disposal Method:

Dispose of product in accordance with local, state and federal regulations. Before attempting clean up, refer to other sections of MSDS for hazard warning information.

### CERCLA (Superfund) Reportable Quantity (in lb.):

Section 311 (b) (4): Requires discharges of crude oil and petroleum products in any kind of form to waters must be reported to the National Response Center at (800) 424-8802.

SECTION 9 — SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: See other sections of MSDS.

Other precautions: None.

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