CYCLO[®] 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-52 & C-142 Cy	clo [®] Cooling System Stop Leak and S	Sealer
Hazardous Material Description:		DOT – Cleaning Compound, N.O.I. IMDG – Non-Hazardous Chemical Blend (Water Based Radiator Product)	
HMIS Code:	HEALTH = 1	FLAMMABILITY = 0	REACTIVITY = 0

SECTION 2 - PHYSICAL DATA

Boiling Point: $212^{\circ}F$ (100°C)Specific Gravity (H2O = 1):1.06Vapor Pressure (mm Hg):Not applicableVapor Density (AIR = 1):<1.0</td>Percent Volatile By Volume (%):Not applicablepH:9 to 11Solubility in Water:SolubleSoluble

Appearance and Odor: Tan liquid

Volatile Organic Compound (VOC) (as packaged minus water): <1.0%

SECTION 3 - HAZARDOUS INGREDIENTS

CAS Reg. No.	Material	Weight Percent	PEL/TLV
1310-73-2	Sodium hydroxide	0-5	2 mg/m3

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point:	Not applicable	Flammable Limits:	Not applicable
Flammable Limits in Air by Volume:LEL = N/A		UEL = N/A	

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: None.

SECTION 5 - HEALTH HAZARD DATA

Effects of Overexposure: Ingestion: Inhalation: Skin Contact: Eye Contact:	Product pH is alkaline 9.0 to 11.0, low order of toxicity. Not a likely source of entry, product is a liquid. Irritant Severe irritant
First Aid Procedures:	
Ingestion:	If 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: Yes

Conditions to Avoid: None

Incompatibility (materials to avoid): Not applicable

Hazardous Decomposition Products: None

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 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.

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) Section 311 (b) (4):

Requires discharges of crude oil and petroleum products in any kind or 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. Keep out of the reach of children.

Other precautions: None.

Date entered: 2/27/90

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