

CYCLO[®] INDUSTRIES, LLC

MATERIAL SAFETY DATA SHEET

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

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-50 Cyclo[®] Cooling System Fast Flush

Hazardous Material Description: DOT = Not regulated
IMDG = Non-hazardous Auto Care Product

(This description is provided to assist in the proper classification of this product and may not be suitable for all shipping conditions.)

NFPA Hazard Rating: Health = 0 Flammability = 0 Reactivity = 0

SECTION 2 - PHYSICAL DATA

Boiling Point: 212°F (100°C) Specific Gravity (H₂O=1): 1.00

Vapor Pressure: 17 mm@ 20°C Vapor Density: <1

Percent Volatile By Volume (%): 85% Solubility in Water: Complete

Evaporation Rate (Butyl Acetate = 1): <1 Refractive Index: 1.3483

Appearance and Odor: Blue liquid, no discernible odor

SECTION 3 - HAZARDOUS INGREDIENTS

<u>CAS Reg. No.</u>	<u>Material</u>	<u>Percentage</u>
60-00-4	Ethylenediamine Tetraacetic Acid	RQ lbs. 5000
7601-54-9	Sodium Phospate Tribasic TSP	RQ lbs. 5000

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non Flammable

Extinguishing Media: CO₂, dry chemical, foam, water fog

Flammable Limits (% by volume in air):

Lower: Not applicable

Upper: Not applicable

Special Fire Fighting Procedures: Keep drums cool with water spray to prevent drum rupture due to steam buildup; floor will become slippery if material is released.

Unusual Fire and Explosion Hazards: None

SECTION 5 – EMERGENCY AND FIRST AID PROCEDURES

Ingestion: May cause gastric distress, vomiting and diarrhea. Give two glasses of water for dilution. DO NOT induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: No signs or symptoms expected, however, certain individuals may be sensitized and experience minor nausea or headaches. Remove victim to fresh air. If symptoms persist, seek medical attention.

Skin Contact: No signs or symptoms expected, however, prolonged contact may cause irritation. Remove contaminated clothing, wash affected area with soap and water, launder contaminated clothing before reuse. If irritation persists, seek medical attention.

Eye Contact: This product is considered an eye irritant. Contact with the eyes will cause irritation. Flush eyes with clear running water for 15 minutes while holding eyelids open. If irritation persists, seek medical attention.

Health Hazards: Acute effects are possible irritation and discomfort. No known chronic effects have been established.

SECTION 6 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Extreme temperatures

Incompatibility (materials to avoid): Strong oxidizers, strong acids.

SECTION 6 - REACTIVITY DATA continued

Hazardous Decomposition or Byproducts: Thermal decomposition may yield CO; CO₂

Hazardous Polymerization: Will not occur.

SECTION 7 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respiratory protection is not required under conditions of normal use.

Ventilation: Adequate ventilation must be provided to maintain concentrations below the specified exposure or flammable limits.

Protective Gloves: Neoprene or rubber.

Eye Protection: Use splash-proof safety glasses or plastic face shields if splashing may occur.

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: Wash to sanitary sewer with plenty of water. Large spills – confine spill and soak up with approved absorbent. Shovel product into approved container for disposal. For spills in excess of allowable limits, notify the National Response Center (800) 424-8802. Refer to CERCLA 40 CFR 302 for complete regulations concerning reporting requirements.

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.

SECTION 9 - SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Keep container closed when not in use. Protect containers from abuse. Protect from extreme temperatures.

Other precautions: KEEP OUT OF THE REACH OF CHILDREN. Minimize body contact.

SECTION 10 – REGULATORY INFORMATION

TSCA: Components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory. Discharge or spills which product a visible sheen on either surface water or in waterways/sewers which lead to surface water must be reported to the National Response Center at (800) 424-8802.

SECTION 10 – REGULATORY INFORMATION continued

This information may be subject to the provisions of the Community Right-to-Know Reporting Requirements (40 CFR 370) if threshold quantity criteria are met.

This product does not contain Section 313 Reportable Ingredients.

Date entered: 10/18/02

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