

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-45 Cyclo[®] Trans Stop Leak & Conditioner

Hazardous Material Description: CFR49 & IMDG: Petroleum Lubricating Oil, N.O.I., Non-hazardous

HMIS Code: Health = 0 Flammability = 1 Reactivity = 0

SECTION 2 - PHYSICAL DATA

Boiling Point: 665°F (352°C)

Specific Gravity (H₂O=1): 0.872

Vapor Pressure (mm Hg): N/A

Vapor Density (AIR=1): >1.0

Percent Volatile By Volume (%): Negligible

Solubility in Water: Negligible

Appearance and Odor: Amber, oil type liquid

SECTION 3 - HAZARDOUS INGREDIENTS

<u>CAS Reg. No.</u>	<u>Material</u>	<u>Percentage</u>	<u>Exposure Limits</u>
64742-65-0	Refined Petroleum Oil	85 – 95	N/A
Mixture	Additive Package	5 – 15	N/A

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 392°F (200°C)

Method Used: TCC

Extinguishing Media: CO₂, dry chemical, foam and/or water fog

Flammable Limits In Air % By Volume at:

Lower Explosion Limit (LEL): N/A

Upper Explosion Limit (UEL): N/A

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: Water may cause frothing.

SECTION 5 - HEALTH HAZARD DATA

Effects of Overexposure:

Ingestion: Toxicity is relatively low. There is a risk of aspiration of product into the lungs. On ingestion of large quantities, slight GI discomfort, diarrhea and headache may occur. Small doses may produce irritation and diarrhea.

Inhalation: Low risk of inhalation. Mists above TLV may cause chemical pneumonitis.

Skin Contact: Mild irritant

Eye Contact: Mild irritant

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

First Aid Procedures:

Ingestion: DO NOT induce vomiting. Get immediate medical assistance.

Skin Contact: Promptly wash the contaminated skin with soap and water for at least 15 minutes. If this product penetrates the clothing, promptly remove the clothing and wash the skin with soap and water.

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.

SECTION 6 - REACTIVITY DATA

Stability: Yes

Conditions to Avoid: Store below 150°F. Do not apply high heat or flame to container. Keep separate from strong oxidizing agents.

Incompatibility (materials to avoid): Strong oxidants

Hazardous Decomposition Products: Carbon dioxide (carbon monoxide under incomplete combustion)

Hazardous Polymerization: Will not occur

SECTION 7 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Normally non required. If high vapor or mist concentrations are expected, use appropriate NIOSH approved respirator for organic vapors and mists.

Ventilation:

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

Special: OSHA TWA 5mg/m³ Oil Mist

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

Protective Gloves: Use oil impervious gloves as required.

Eye Protection: Use safety goggles or chemical splash goggles as required.

Other Protective Equipment: If there is a possibility of exposure of an individual's body to the lubricating oil, wear body-covering work clothes to avoid prolonged or repeated exposure.

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

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

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: Product is a combustible liquid. Keep away from heat and flames. Store below 150°F. Do not apply high heat or flame to container. Keep separate from strong oxidizing agents. Empty containers may contain product residue which could include flammable or explosive vapors.

Other precautions: Keep away from children.

SECTION 10 - REGULATORY INFORMATION

SARA TITLE III:

Section 302: None

Section 304: None

Section 311: Hazard categories – Fire Hazard = Yes

Section 313: None

CERCLA:

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

Date entered: 12/19/90

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