

Product: Force TC-W3 Low Treat 2-Cycle Outboard Oil**Product #:** 92-830249A24, 92-830249A40, 92-831211A 6, 92-831211A30, 92-831213A 1, 92-831213A 4**SECTION I - MANUFACTURER INFORMATION**

Name: Mercury Marine	Emergency: 800-424-9300 (ChemTrec)
Address: W6250 W. Pioneer Rd.	Information: 920-929-5418
PO Box 1939	Date Prepared: 10-27-92
Fond du Lac WI 54936-1939	Revised: 10-27-97

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
Refined Petroleum Oils (Mixture)	N/A	N/A		70
Mineral Spirits (8052-41-3)	500ppm	N/A		25
Ashless Dispersant & Anti-Oxidant (Mixture)	N/A	N/A		5
Pour Point Depressant (Mixture)	N/A	N/A		1
Dye (Mixture)	N/A	N/A		.10

*Specific Chemical Identity, Common Name (CAS)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Specific Gravity (H₂O=1): 0.872
Vapor Pressure (mmhg): < 20.0	Melting Point: N/D
Vapor Density (Air=1): > 1.0	Evaporation Rate: N/D
Solubility in Water: Negligible	(Butyl Acetate=1)
Appearance and Odor: Blue-green liquid, slight odor of petroleum distillate	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 165°F (COC)
Flammable Limits: LEL - 1.0 UEL - 6.0
Extinguishing Media: Carbon Dioxide, dry chemical, foam, water fog
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: Water may cause frothing.

SECTION V - REACTIVITY DATA

Stability: Unstable () Stable (X)
Conditions to Avoid: High heat or flame
Incompatibility (Materials to Avoid): Strong oxidants
Hazardous Decomposition or Byproducts: Carbon Dioxide (Carbon Monoxide under incomplete combustion)
Hazardous Polymerization: May Occur () Will Not Occur (X)

ADDITIONAL INFORMATION

Mercury Marine Emergency Information Number: 920-929-5000
 Manufacturer, Gold Eagle Co., Emergency Number: 800-424-9300 (ChemTrec)

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Inhalation (Y) Skin (Y) Ingestion (Y) Eye (Y)

Health Hazards (Acute and Chronic): Inhalation - Low risk. Mists above TLV may cause chemical pneumonitis. Skin - Mild irritant. Eye - Mildly irritating. Ingestion - Toxicity is relatively low. A risk of aspiration into the lungs. Large quantity ingestion may cause slight GI discomfort, diarrhea and headache. Small doses may produce irritation and diarrhea.

Carcinogenicity: NTP (N) IARC Monographs (N) OSHA Regulated (N)

Signs and Symptoms of Exposure: See Health Hazards (Acute and Chronic)

Medical Conditions Generally Aggravated by Exposure: None

Emergency and First Aid Procedures: Inhalation - Move exposed person to fresh air. Call emergency medical care. If breathing has stopped, give artificial respiration. If breathing is difficult, give humidified oxygen. Skin - Remove contaminated clothing. Promptly wash affected skin with soap and water for at least 15 minutes. Eye - Flush eyes immediately with large quantities of room temperature water for 15 minutes, lifting eyelids. Get medical attention immediately. Ingestion - DO NOT INDUCE VOMITING. Get prompt medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Small Spill: Remove sources of heat or ignition. Provide adequate ventilation. Contain leak using 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 product in accordance with federal, state, and local regulations. Before attempting cleanup, refer to other sections of MSDS for hazard warning information.

Precautions to be taken in Handling and Storing: Product is a combustible liquid containing petroleum distillates. 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 VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): None normally required. Use a NIOSH approved respirator for organic vapors and mists if high vapor or mist concentrations are encountered.

Ventilation: Local Exhaust - To maintain exposure levels below recommended exposure limits.

Mechanical - In confined spaces

Protective Gloves: Oil impervious gloves

Eye Protection: Safety goggles or chemical splash goggles

Other Protective Clothing or Equipment: Wear body-covering work clothes to avoid prolonged or repeated exposure.

Work/Hygiene Practices: Always follow good housekeeping and personal hygiene practices.

N/D = NOT DETERMINED (NO DATA) N/E = NONE ESTABLISHED Y = YES

N/A = NOT APPLICABLE N/AV = NOT AVAILABLE N = NO