

**Product:** Quicksilver 2-Cycle Outboard Oil (TC-WII and Formula 50D)(Canada)

**Product #:** 92-: 801865A40, 816839A 4, 823090A 1, 823090A 2, 823090A 6, 823090A12, 823090A24, 823091A 4, 823091A10, 823091A30, 823091A40, 823091A70

**SECTION I - MANUFACTURER INFORMATION**

<b>Name:</b> Mercury Marine	<b>Emergency:</b> 800-424-9300 (ChemTrec)
<b>Address:</b> W6250 W. Pioneer Rd. PO Box 1939 Fond du Lac WI 54936-1939	<b>Information:</b> 920-929-5418 <b>Date Prepared:</b> 02-25-88 <b>Revised:</b> 05-03-00 (Reviewed 03-14-03)*

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
Dispersant & Anti Oxidant (Mixture)	N/A	N/A		5.00
Dye (Mixture)	N/A	N/A		0.10
Mineral Spirits (8052-41-3)	5mg/m <sup>3</sup>	N/D		25.00
Pour Point Depressant (Mixture)	N/A	N/A		1.00
Refined Petroleum Oil (Mixture)	N/A	N/A		70.00

\* Specific Chemical Identity, Common Name (CAS)

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O=1):</b> .872
<b>Vapor Pressure (mmhg):</b> < 20	<b>Melting Point:</b> N/D
<b>Vapor Density (Air=1):</b> > 1	<b>Evaporation Rate (Butyl Acetate=1):</b> N/D
<b>Solubility in Water:</b> Negligible	<b>HMIS:</b> H - 0 F - 2 R - 0
<b>Appearance and Odor:</b> Blue liquid, mild odor	

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** 165°F (COC)      **NFPA:** H - 0 F - 2 R - 0

**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 flames

**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: 773-376-4400  
 This MSDS was reviewed on 03-14-03 and the contents have not changed since the revision date per the manufacturer.

**SECTION VI - HEALTH HAZARD DATA**

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

**Health Hazards (Acute and Chronic):** Inhalation - Low risk. Mists above TLV may cause chemical pneumonitis. Skin - Mild irritant. Eye - Mild irritant. Ingestion - Toxicity is relatively low; a risk of aspiration into the lungs. Large quantity ingestion may cause slight GI tract discomfort, diarrhea and headache.

**Carcinogenicity:** NTP (N/D) IARC Monographs (N/D) OSHA Regulated (N/D)

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

**Medical Conditions Generally Aggravated by Exposure:** N/D

**Emergency and First Aid Procedures:** Inhalation – Remove exposed person to fresh air and call emergency medical care. If breathing has stopped, give artificial respiration. If breathing is difficult, give humidified oxygen. Skin – Remove contaminated clothing. Wash affected skin area with soap and water for 15 minutes. Seek medical attention if irritation persists. Eye - Flush eyes immediately with large quantities of room temperature water for 15 minutes occasionally lifting upper and lower lids. Seek medical attention as required. 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:** Remove sources of heat or ignition. Provide adequate ventilation. **Small Spill:** Contain leak using absorbent, inert, non-combustible material. **Large Spill:** Contain spill. Transfer spilled material 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 caution information.

**Precautions to be taken in Handling and Storing:** Store in an area below 150°F. Keep away from strong oxidizing agents. Do not apply high heat or flame to container. 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):** Use a NIOSH-approved respirator for organic vapors and mists if high vapor or mist concentrations are encountered.

**Ventilation (Local Exhaust & Mechanical):** To keep below recommended exposure limits.

**Protective Gloves:** Oil impervious gloves as required

**Eye Protection:** Safety goggles or chemical-splash goggles as required

**Other Protective Clothing or Equipment:** Body-covering work clothes to avoid prolonged or repeated contact. Launder soiled clothes before reuse.

**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**