

Product: QuicKleen Fuel Additive**Product #:** 92-802877A 1**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: 10-23-92
Fond du Lac WI 54936-1939	Revised: 05-03-00 (Discontinued March 2006)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
1,2,4-Trimethylbenzene (95-63-6)	N/A	N/A		2
Petroleum Distillate (64742-94-5)	N/A	N/A		25
Proprietary Additive (Mixture)	N/A	N/A		70
Xylene (1330-20-7)**	100ppm	N/A		3

* Specific Chemical Identity, Common Name (CAS)

** Indicates toxic chemical subject reporting requirement under Section 313 of Title III and 40CFR372.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 148°F	Specific Gravity (H₂O=1): 0.888
Vapor Pressure (mmhg): 97	Melting Point: N/D
Vapor Density (Air=1): 1.1	Evaporation Rate: N/D
Solubility in Water: Soluble	(Butyl Acetate=1)

Appearance and Odor: Amber liquid, solvent odor
HMIS Rating: H-1 F-3 R-0 P-Section VIII

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 80°F (TOC) **NFPA Rating:** H-1 F-3 R-0 S-None
Flammable Limits: LEL - 6.0 UEL - 36.5
Extinguishing Media: **Small Fires:** Use halon replacement, carbon dioxide extinguishers, or alcohol foam. **Large Fires:** Extinguish with alcohol foam.
Special Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) respirator in positive pressure mode and chemical protective clothing specifically recommended for Methanol. Use water spray to cool containers exposed to fire.
Unusual Fire and Explosion Hazards: Dangerous fire and explosion hazard when exposed to heat or flame. Methanol is extremely flammable and forms explosive mixtures with air. Methanol vapors may travel considerable distance to a source of ignition and flash back.

SECTION V - REACTIVITY DATA

Stability: Unstable () Stable (X)
Conditions to Avoid: Sources of ignition, combustibles, oxidizing materials, and acids
Incompatibility (Materials to Avoid): Strong oxidizing agents, aluminum, zinc, or metals that displace hydrogen, rubber and rubber-based coatings, chromic anhydride, lead perchlorate and perchloric acids.
Hazardous Decomposition or Byproducts: Excessive heating and/or incomplete combustion will produce carbon monoxide and toxic vapors such as formaldehyde.
Hazardous Polymerization: May Occur () Will Not Occur (X)

ADDITIONAL INFORMATION

Mercury Marine Emergency Information Number: 920-929-5000
 Manufacturer, Gold Eagle Co., Emergency Information 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): Eye - Mild irritant. Inhalation - Low risk of inhalation, potential effects include: dizziness, nausea, visual impairment, narcosis, and muscular impairment. Skin - Prolonged or repeated contact may cause dermatitis, scaling, and possible systemic effects. Ingestion - Toxicity is relatively low. There is a risk of aspiration of product into the lungs. On ingestion of large quantities, slight gastrointestinal discomfort, diarrhea, and headache may occur. Small doses may produce irritation and diarrhea.

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: None known.

Emergency and First Aid Procedures: Eye - Immediately wash with large quantities of room temperature water for at least 15 minutes, occasionally lifting the upper and lower lids. Get medical attention immediately. Skin - Remove contaminated clothing. Promptly wash affected skin with soap and water for at least 15 minutes. Systemic effects may be delayed 18 to 72 hours, therefore keep individual under observation. Launder contaminated clothing before reuse. Ingestion - DO NOT INDUCE VOMITING. Get medical attention immediately. 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.

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 clean up, refer to other sections of MSDS for hazard warning information.

Precautions to be taken in Handling and Storing: Product is flammable. Keep away from sources of ignition, combustibles, oxidizing materials and acids. Store in an area equipped with automatic sprinklers or fire extinguishing system. Empty containers contain product residue, assume emptied containers to have same hazards as full containers.

Other Precautions: KEEP AWAY FROM CHILDREN!

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): Do not use air purifying respirator. Use appropriate NIOSH-approved supplied or self-contained respirator. Respirators must be selected based on the airborne levels found in the workplace and must not exceed the working limits of the respirator.

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

Mechanical - In confined spaces

Protective Gloves: Natural rubber or neoprene gloves

Eye Protection: Splash-proof chemical, safety goggles, or appropriate full-face respirator. DO NOT WEAR CONTACT LENSES WHEN WORKING WITH THIS CHEMICAL.

Other Protective Clothing or Equipment: Wear body-covering work clothes to prevent prolonged 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