

Product: Antifreeze, -100°F Water System

Product #: 92-884038, 92-884038 55

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: 08-01-01
Fond du Lac WI 54936-1939	Revised:

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
RV Antifreeze Grade Propylene Glycol (57-55-6)	N/E	N/E		N/D

*Specific Chemical Identity, Common Name (CAS)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 175°F	Specific Gravity (H₂O=1): 1.043 @ 60°F
Vapor Pressure (mmhg): 2.8 @ 20°F	Melting Point: N/D
Vapor Density (Air=1): N/A	Evaporation Rate: N/A
Solubility in Water: Soluble	(Butyl Acetate=1)
Appearance and Odor: Blue liquid; mild odor	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 148°F (COC)

Flammable Limits: LEL – 2.6 UEL – 12.5

Extinguishing Media: Water spray, dry chemical, alcohol, foam, or carbon dioxide

Special Fire Fighting Procedures: Water spray should be used to cool fire-exposed containers and/or to disperse unignited vapors. Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Unstable () Stable (X)

Conditions to Avoid: Keep away from extreme heat and flame.

Incompatibility (Materials to Avoid): Strong oxidizers

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide

Hazardous Polymerization: May Occur () Will Not Occur (X)

ADDITIONAL INFORMATION

Mercury Marine Emergency Information Number: 920-929-5000
 Manufacturer, Zecol Products Co., Emergency Number: 800-255-3924 (CHEM-TEL)

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): **Acute:** Mild eye and skin irritant. **Chronic:** May be skin sensitizer in some individuals.

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

Signs and Symptoms of Exposure: Irritated skin or eyes. Diarrhea.

Medical Conditions Generally Aggravated by Exposure: None known.

Emergency and First Aid Procedures: Inhalation – Remove victim to fresh air. Eye – Flush with water for 15 minutes. Call a physician. Skin – Flush with water. If irritation develops, call a physician. Ingestion – Drink water to dilute.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Wear goggles, coveralls, impervious gloves, and boots. Add dry absorbent. Shovel or sweep up. Place in appropriate container and seal. Wash all contaminated clothing before reuse. In the event of a large spill, call 1-800-255-3924.

Waste Disposal Method: Dispose of contaminated product, empty containers, and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, state, or local regulatory agencies to ascertain proper disposal procedures.

Precautions to be taken in Handling and Storing: Avoid contact with eyes, skin, or clothing. Do not take internally. Upon contact with skin or eyes, wash off with water. Avoid breathing mist or vapor. Store in a cool, dry, well-ventilated area.

Other Precautions: KEEP AWAY FROM CHILDREN!

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): None

Ventilation: Local Exhaust & Mechanical - Good room ventilation normally required.

Protective Gloves: Impervious

Eye Protection: Goggles

Other Protective Clothing or Equipment: N/D

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