

# Material Safety Data Sheet

MSDS 205-6115

May be used to comply with OSHA's Hazard Communication Standard, 29CFR1910.1200. Standard must be consulted for specific requirements.

## SECTION 1 - GENERAL INFORMATION

Name Mercury Marine

Address W6250 W. Pioneer Rd.

Emergency (CHEM-TREC)  
(US Only)  
1-800-424-9300

City, State, and ZIP Fond du Lac, WI 54935

Other Information (920) 929-5000

Signature of Person Responsible for Preparation (Optional)

Date Prepared MAY 1, 2007 (REV)

H  
HEALTH 0  
F  
FLAMMABILITY 1

R 0

REACTIVITY

Style NC-L503  
PERSONAL PROTECTION 0

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s) [chemical & common name(s)]	OSHA PEL ppm	ACGIH TLV ppm	CAS NO.
Antifreeze – 200 Water System	NE	NE	57-55-6

Part Number(s) 92-898236K55

(Not subject to the reporting requirements of Section 313, Title III of SARA.)

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point	369° F.	Specific Gravity (H <sub>2</sub> O=1)	1.038 @ 68° F.
Vapor Density (Air=1)	2.6	Vapor Pressure (mm Hg)	.08 @ 20° C.
Solubility in Water	Soluble	Evaporation Rate (N-Butyl Acetate=1)	.005
Appearance and Odor	Green viscous liquid. Mild odor.		

## SECTION 4 - FIRE & EXPLOSION DATA

Flash Point	214° F.	Method Used	TCC	Flammable Limits in Air % by Volume	LEL Lower 2.35	UEL Upper 13.7
Auto-Ignition Temperature	NA	Extinguisher Media	Water spray, dry chemical, alcohol, foam, or carbon dioxide.			
Special Fire Fighting Procedure	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 and protective clothing.					

Unusual Fire and Explosion Hazards None

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

**SECTION 5 - PHYSICAL HAZARDS (REACTIVITY DATA) MERCURY FORMULA 200 (cont.)**

Stability  Unstable Conditions to Avoid  Stable  Stable Keep away from extreme heat and flame.  
 Incompatibility (Materials to Avoid) Strong oxidizing agents.

Hazardous Decomposition Products Carbon monoxide, carbon dioxide.

Hazardous Polymerization  May Occur Conditions to Avoid  Will Not Occur Keep from contact with strong oxidizing agents.

**SECTION 6 - HEALTH HAZARDS**

1. Acute Mild eye and skin irritant. 2. Chronic May be skin sensitizer in some individuals.

Signs and Symptoms of Exposure Irritated skin or eyes, diarrhea.

Medical Conditions Generally Aggravated by Exposure None known.

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Emergency and First Aid Procedures

ROUTES OF ENTRY

- 1. Inhalation Move victim to fresh air. Get medical attention if symptoms persist.
- 2. Eyes Flush with water for 15 minutes. Get medical attention if symptoms persist.
- 3. Skin Wash with soap and water. If skin irritation or allergic skin reaction develops, call a physician.
- 4. Ingestion Drink water to dilute. Material is of sufficiently low toxicity that induction of vomiting should not be necessary.

**SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES**

Precautions to be Taken in Handling and Storage Avoid contact with eyes, skin, or clothing. Do not take internally. Upon contact with skin or eyes, wash off with water. Store in a cool, dry, well-ventilated area. Keep container closed.

Other Precautions AIHA Workplace Environmental Exposure Level: 50ppm TWA as vapor; 10 mg/m3 TWA as mist.

Steps to be Taken in Case Material is Released or Spilled Small: Absorb with vermiculite or other inert material; place in a container for chemical waste. Large: Flush area with water spray; prevent runoff from entering drains, sewers or streams.

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.

Waste Disposal Methods (Consult federal, state, and local regulations) Manufacturer: Zecol Products Company: 4635 Willow Drive. Medina, MN 55340

**SECTION 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES**

Respiratory Protection (Specify Type) For high levels of airborne concentrations, wear a mist or organic vapor respirator.

Ventilation Good general ventilation (about 10 air changes per hour) should be used; ventilation rates should be matched to conditions. Use process or local exhaust to maintain levels below exposure limits.

Protective Gloves As needed to minimize skin contact.

Other Protective Clothing or Equipment Eye bath, washing facilities.

Work/Hygienic Practices It is good industrial hygiene practice to avoid contact with eyes, skin, and clothing.