

Product: Aluminum Safe Detergent**Product #:** 92-881074K 1, 92-881075K 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: 09-18-00

Fond du Lac WI 54936-1939

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

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
Silicic Acid (H ₂ SiO ₃), Disodium Salt (6834-92-0)	N/A	N/A		30-50

*Specific Chemical Identity, Common Name (CAS)

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**Boiling Point:** N/D**Specific Gravity (H₂O=1):** N/D**Vapor Pressure (mmhg):** N/D**Melting Point:** N/D**Vapor Density (Air=1):** N/A**Evaporation Rate:** N/A**Solubility in Water:** Soluble in water**(Butyl Acetate=1)****Appearance and Odor:** Solid off-white crystals; odorless **HMIS Rating:** H-1 F-N/D R-N/D P-Section VIII**SECTION IV - FIRE AND EXPLOSION HAZARD DATA****Flash Point (Method Used):** N/D**NFPA Rating:** H-2 F-0 R-0 S-N/A**Flammable Limits:** LEL - N/A UEL - N/A**Extinguishing Media:** Extinguishing media appropriate for surrounding fire.**Special Fire Fighting Procedures:** Self-contained breathing equipment and chemical-resistant clothing recommended.**Unusual Fire and Explosion Hazards:** No unusual fire or explosion hazards noted.**SECTION V - REACTIVITY DATA****Stability:** Unstable () Stable () Avoid contact with acids.**Conditions to Avoid:** Avoid contact with acids and oxidizing substances.**Incompatibility (Materials to Avoid):** N/D**Hazardous Decomposition or Byproducts:** Oxides of sodium, carbon, and nitrogen**Hazardous Polymerization:** May Occur () Will Not Occur (X)**ADDITIONAL INFORMATION**

Mercury Marine Emergency Information Number: 920-929-5000

Manufacturer, Chemtool Inc., Emergency Number: 815-459-1250

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): Causes burns. Inhalation – Dust can be harmful. Skin – Corrosive. Eye – Corrosive. Ingestion – Can cause corrosive burns on mucous membranes, throat, and stomach.

Carcinogenicity: NTP (Not listed) IARC Monographs (Not listed) OSHA Regulated (N/A)

Signs and Symptoms of Exposure: Ingestion may cause nausea, vomiting, severe abdominal pain, diarrhea.

Medical Conditions Generally Aggravated by Exposure: N/D

Emergency and First Aid Procedures: Inhalation – Remove victim immediately from source of exposure. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention. Skin – Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. Eye – Promptly wash eyes with lots of water while lifting the eye lids. Get medical attention if any discomfort continues. Ingestion – DO NOT INDUCE VOMITING! Get medical attention immediately. Never give anything by mouth to an unconscious person.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Contain spill. Neutralize and absorb small amounts. Collect and return large amounts to shipping container. Rinse spill area with water. Keep product out of sewers and watercourses by diking and impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas. Assure conformity with applicable government regulations.

Waste Disposal Method: Spilled material, unused contents, and empty container must be disposed of in accordance with local, state, and federal regulations.

Precautions to be taken in Handling and Storing: Avoid spilling, skin and eye contact. Eye wash station should be available at work place. Keep in cool, dry, ventilated storage and closed containers. Store separate from strong acids and oxidizers.

Other Precautions: KEEP AWAY FROM CHILDREN!

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Ventilation: Local Exhaust & Mechanical: No specific ventilation requirements noted, but forced ventilation may still be required if air contaminant exceeds acceptable level.

Protective Gloves: Use protective gloves made of rubber (natural latex), neoprene, nitrile.

Eye Protection: Wear chemical safety goggles where eye exposure is reasonably probable.

Other Protective Clothing or Equipment: Wear appropriate clothing to prevent repeated or prolonged skin contact.

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