

**Product:** Pressure Washer Detergent  
**Product #:** 92-881076K 1, 92-881077K 1

**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> 09-18-00 <b>Revised:</b>

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

Hazardous Components*	OSHA PEL	ACGIH TLV	Other	% (Opt.)
Sodium Hydroxide (1310-73-2)	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>		0-1
Ethanol, 2,2',2' '-Nitrilotris- (102-71-6)	N/E	5mg/m <sup>3</sup>		0-1
Ethanol, 2-Butoxy- (111-76-2)**	25ppm	25ppm		1-5

\*Specific Chemical Identity, Common Name (CAS)  
 \*\*Ingredient subject to the reporting requirements of SARA 313.

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

<b>Boiling Point:</b> ~212°F	<b>Specific Gravity (H<sub>2</sub>O=1):</b> 1.02
<b>Vapor Pressure (mmhg):</b> N/D	<b>Melting Point:</b> N/D
<b>Vapor Density (Air=1):</b> > 1	<b>Evaporation Rate:</b> < 1 (Butyl Acetate=1)
<b>Solubility in Water:</b> Soluble in water.	<b>HMIS:</b> H-2 F-N/D R-N/D P-Section VIII
<b>Appearance and Odor:</b> Light-blue liquid; mild, citrus odor	

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

**Flash Point (Method Used):** N/D **NFPA:** H-1 F-0 R-0 S-N/A  
**Flammable Limits:** LEL – N/A UEL - N/A  
**Extinguishing Media:** Product contains water and should not support combustion. Will burn if sufficiently heated to drive off water. Fire can be extinguished using water spray, fog or mist as well as foam and carbon dioxide (CO<sub>2</sub>).  
**Special Fire Fighting Procedures:** Use water spray to keep fire-exposed containers cool and disperse vapors. Self-contained breathing equipment and chemical-resistant clothing recommended.  
**Unusual Fire and Explosion Hazards:** Pressure will increase in overheated, closed containers.

**SECTION V - REACTIVITY DATA**

**Stability:** Unstable ( ) Stable (X)  
**Conditions to Avoid:** Contact with acids and oxidizing substances.  
**Incompatibility (Materials to Avoid):** N/D  
**Hazardous Decomposition or Byproducts:** Oxides of carbon, nitrogen, and phosphorus.  
**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):** Prolonged exposure to product mist or vapors may cause respiratory irritation. Concentrate may cause irritation to eyes and skin.

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

**Signs and Symptoms of Exposure:** Inhalation – Spray mist can irritate airways and lungs. Inhalation of product vapor or mist may cause irritation of mucous membranes in nasal passages and throat. Single exposure to vapors is not likely to be hazardous. Skin – Slightly irritating. Repeated or prolonged contact can result in drying of the skin. Eye – Irritating. May cause slight eye irritation. May cause slight transient (temporary) corneal injury. Ingestion – Can cause stomach ache and vomiting.

**Medical Conditions Generally Aggravated by Exposure:** Severe skin irritation.

**Emergency and First Aid Procedures:** Inhalation – Remove victim immediately from source of exposure. Move the expected person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Perform artificial respiration if breathing has stopped. Get medical attention. Skin – Remove contaminated clothing. Wash skin thoroughly with soap and water. Continue to rinse for at least 15 minutes. Consult physician if irritation persists. Eye – Immediately rinse with water. Continue to rinse for at least 15 minutes. Contact physician if irritation persists. Ingestion – DO NOT INDUCE VOMITING! Drink large amounts of water. 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 a shipping container. Rinse spill area with water. While cleaning up spills, refer to other sections of this MSDS. Keep product out of sewers and watercourses by diking or 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 containers must be disposed of in accordance with federal, state, and local regulations.

**Precautions to be taken in Handling and Storing:** Do not reuse containers. Keep lid closed when not in use. Product contains amines, do not mix with nitrites. Review Sections IV, V, VI and VIII for other precautions. Store separate from strong acids and oxidizers. Do not freeze.

**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 contamination exceeds acceptable level.

**Protective Gloves:** Protective gloves must be used if there is a risk of direct contact or splash.

**Eye Protection:** If risk of splashing, wear safety goggles or face shield.

**Other Protective Clothing or Equipment:** Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapor 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