

**5. FIRE-FIGHTING MEASURES:**

Extinguishing media which must not be used for safety reasons: No information available

**6. ACCIDENTAL RELEASE MEASURES:**

Personal precautions:  
Environmental precautions  
and clean-up methods:

Use personal protective equipment  
Clean-up method: - large spillage. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

**7. HANDLING AND STORAGE:**

Handling:  
Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:  
Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION:**

Engineering measures to reduce exposure:  
No special ventilation requirements. General room ventilation is adequate.

**Personal Protective Equipment**

Eye protection: Chemical splash goggles.  
Hand protection: Chemical-resistant gloves.  
Skin and body protection: No special protective clothing is required.  
Respiratory protection: No special protective clothing is required.  
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	CAS #	ACGIH	OSHA	MSDS
Sodium hydroxide	1310-73-2	2 ppm <sup>1</sup> (Ceiling)	2 mg/m <sup>3</sup> (TWA)	2 ppm <sup>1</sup> (Ceiling)

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

Physical State:	Liquid	Bulk density:	No information available
pH:	12.95	Dilution pH:	12.95 RTU
Appearance:	Liquid	Vapor density:	No information available
Color:	Translucent Straw	Evaporation Rate:	No information available
Odor:	Chlorine	Boiling point/range:	Not determined
Specific gravity:	1.078	Melting point/range:	Not determined
Density:	3.98 lbs/gal	Decomposition temperature:	Not determined
VOC:	0%	Autoignition temperature:	No information available
Flash point:	>200°F >93.3°C	Partition coefficient (n-octanol/water):	No information available
Solubility:	completely soluble	Solubility in other solvents:	No information available
Viscosity:	No information available	Elemental Phosphorus:	0 %P

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94606

**10. STABILITY AND REACTIVITY:**

Stability: The product is stable  
Polymerization: Hazardous polymerization does not occur  
Hazardous decomposition products: None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION:**

Acute toxicity: Oral LD50 estimated to be greater than 5000 mg/kg  
Component Information: See Section 3  
Chronic toxicity: None known  
Specific effects:  
Carcinogenic effects: None known  
Mutagenic effects: None known  
Reproductive toxicity: None known  
Target organ effects: None known

Hazardous Ingredients

Ingredient(s)	CAS #	NTP	LMC	OSHA
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