

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 9/10/2010

Code: 8920

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor: PowerCat	Emergency Phone: 1-800-255-3924
Address: PO Box 503 Racine WI 53403	Prepared By: DR
Trade Name: 744 SUPER DUTY PART 1	Product Type: Hard Water Builder Component

## SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Potassium Hydroxide	1310-58-3	20-35%	2mg/M3(CEILING)	No
Dipotassium E.D.T.A.	2001-94-7	15-30%	Not Established	No
Triethanolamine	102-71-6	5-15%	Not Established	No
Water	7732-18-5	Balance	Not Established	No

## SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	214°(IBP)	Specific Gravity (H2O=1.0)	1.376 ± 0.005	pH	13.5 ± 0.5
Vapor Pressure (mm Hg)	Not Determined	Vapor Density (Air=1)	Not Determined		
Solubility in water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)				
Evaporation Rate (vs. H2O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor: Clear colorless liquid with no distinct odor.		

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	°F.	<input checked="" type="checkbox"/> None to Boiling	Flammable Limits	N.A. Upper Lower
Extinguishing Media	This product is not combustible. Water Spray, dry chemical; CO2; or foam may be used where this product is stored.			
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
Unusual Fire and Explosion Hazards	None			

## SECTION 5 - REACTIVITY DATA

Stability	Stable
Incompatibility	Acidic materials; strong oxidizers
Hazardous Decomposition Products	Burning may produce oxides of carbon and other substances.

## SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms Of Overexposure (Acute)	Corrosive material. Will cause burns of skin and eyes with prolonged contact. Corneal damage likely if contact with eyes is prolonged. Generated mists may be severely irritating and cause damage to respiratory tract if inhaled. If swallowed, will cause irritation and burns of mucous membranes as well as nausea, vomiting and abdominal pain.
Signs and Symptoms of Overexposure (Chronic)	Chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant
Medical Conditions Aggravated by Overexposure	An existing dermatitis.
Carcinogen or Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush eyes with water for at least 15 minutes and call a physician immediately.
Skin	Wash affected areas with large amounts of soap and water. If irritation persists call a physician.
Ingestion	Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.
Inhalation	Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Not required under normal use conditions. Avoid misting conditions unless protected.
Ventilation Requirements	N.A. <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other
Eye Protection	Safety Glasses/Goggles
Protective Gloves	Rubber/PVC                   Other Protective Clothing: Impervious protective clothing, safety shoes, safety shower when and where appropriate to

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or Spilled	Do not touch or walk through spilled material. Stop leak if you can do it without risk. Take up small spills with sand or other inert absorbent material and place into containers for later disposal. Dike ahead of large spill for later disposal.
Waste Disposal Methods	Dispose of in an approved waste facility according to Federal, State and local regulations.

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage	WARNING: Corrosive liquid. Handle all containers carefully. Keep container closed when not in use. Wash thoroughly after handling. Remove any contaminated clothing and launder before reuse. Do not get in eyes, on skin or clothing.
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**DOT Class** Corrosive liquid, basic, inorganic, n.o.s. (contains Potassium Hydroxide), 8, UN3266, PGII.

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

**HMIS HAZARD RATING**

HEALTH	3	
FLAMMABILITY	0	
REACTIVITY	0	
PERSONAL PROTECTION	X	

0 - LEAST  
1 - SLIGHT  
2 - MODERATE  
3 - HIGH  
4 - EXTREME