

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: ALKATERG	Emergency Phone #: 1-800-424-9300
Supplier's Name: Maintenance Equipment & Chemicals	Reference Code: MTEQ
Supplier's Address: 1379 Shoemaker St., Nanty Glo, PA 15943	Product #: 008
Phone: (814) 749-9015	D.O.T. Shipping Name: Corrosive Liquid NOS (Sodium hydroxide)
Chemical Name: Highly Alkaline detergent	Hazard Class: 8 D.O.T. ID#: UN1760 P.G.: II
Chemical Family: Alkaline CIP & hot tank cleaner	

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
Sodium Hydroxide (from misting only)	1310-73-2	< 40	2 mg/ cu meter
Potassium Hydroxide (from misting only)	1310-58-3	< 10	2 mg/ cu meter

SECTION 3-PHYSICAL DATA

Boiling Point (F): 212 F
Vapor Pressure: 20 mm @ 75 F
Vapor Density: NA
Solubility In Water: 100%
Appearance / Odor: Liquid, mild detergent odor
Specific Gravity: 1.411 gr/cc
% Volatile: > 50
Evaporation Rate: (water=1) 1
Other: Highly Alkaline

SECTION 4-FIRE AND EXPLOSION DATA

Flash Point (F) / Method: None TOC
Flammable Limits: NA
Extinguishing Media: None required
Special Fire Fighting Procedures: None required
Unusual Fire &Explosion Hazards: None

SECTION 5-HEALTH HAZARD DATA

Threshold Limit Value: see section II
Effects of Overexposure: Eyes—severe burns. Skin—burns. Ingestion—severe internal burns.
Emergency & First Aid Procedures: Wash from eyes immediately with lots of water for 15 minutes and seek medical attention. Wash from skin immediately with lots of water. If spilled on clothing remove immediately and wash before reuse. If skin burning occurs see a physician. Ingestion—immediately give lots of water, orange juice or dilute vinegar and see a physician.
Carcinogenicity: NA

SECTION 6-REACTIVITY DATA

Stability: Stable
Conditions to Avoid:
Incompatibility: Acids of all types
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur

SECTION 7-SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled: Wear rubber boots and gloves. Neutralize with dilute acids and flush spill area with plenty of water.
Waste disposal method: Neutralize and sewer, landfill or other methods complying with local and federal regulations.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: None required when used as directed
Ventilation: NA
Protective Gloves: Rubber or plastic
Eye Protection: Yes—glasses or goggles
Other Protective Equipment: Wear rubber boots and full alkali protective clothing for major exposure. Water source to wash out eyes and off skin.

SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store between 40-100 F. Keep containers closed.
Other Precautions: Keep out of the reach of children. Avoid contact with eyes, skin, clothing and shoes.

Date Prepared: 5-14-09

By: PM