

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: ALKA BRITE	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 #: 006
Phone: (814) 749-9015	D.O.T. Shipping Name: Corrosive Liquid NOS (Sodium Hydroxide)
Chemical Name: Alkaline detergent blend	Hazard Class: 8 D.O.T. ID# UN1760 PG: III
Chemical Family: Cleaner @ aluminum brightener	

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
Sodium Hydroxide (mist only)	1310-73-2	>10	2 mg/cu. Meter

SECTION 3-PHYSICAL DATA

Boiling Point (F): 212
Vapor Pressure: 25 mm
Vapor Density: NA
Solubility In Water: 100%
Appearance / Odor: Straw color red liquid, mild detergent odor
Specific Gravity: 1.170
% Volatile: <55%
Evaporation Rate: (water = 1) 1
Other:

SECTION 4-FIRE AND EXPLOSION DATA

Flash Point (F) / Method: None, TCC
Flammable Limits: NA
Extinguishing Media: None required
Special Fire Fighting Procedures: Spray containers that are exposed to fire with water to prevent rupture.
Unusual Fire & Explosion Hazards: Wear protective clothing and rubber footwear if exposed to product from ruptured drums or spills during fires.

SECTION 5-HEALTH HAZARD DATA

Routes of entry: Inhalation, Skin and Ingestion
Threshold Limit Value: From mist only-TEL 2 mg/cu. Meter on 10% of conc.
Effects of Overexposure: None from vapor or mist when applied as directed. Ingestion causes severe burns of the mouth and throat. Eye and skin contact with the concentrate causes severe eye and skin irritation.
Emergency & First Aid Procedures: Flush eyes with water for 15 min., if irritation persists see a physician. Wash from skin immediately with water. Remove all clothing contaminated by the concentrate and wash and dry before reuse. If concentrate is taken internally, immediately drink lots of water, do not induce vomiting and see a physician immediately.

SECTION 6-REACTIVITY DATA

Stability: Stable
Conditions to Avoid:
Incompatibility: Strong Acids
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 footwear and protective clothing for protection during spills. Contain spill then pick up excess with a mop or wet-vac. Wash residue to sewer with lots of water. Biodegradable and residues are nontoxic after neutralization or dilution with lots of water before sewerage.
Waste disposal method: Neutralize with weak acids and wash neutralized residue to sewer with lots of water. Wash small quantities to sewer with lots of water. Spent cleaner solutions containing toxic soil residues must be disposed of in a manner following local, state and federal regulations.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required when used as directed.
Ventilation: Yes
Protective Gloves: Yes when handling concentrate
Eye Protection: Glasses or goggles
Other Protective Equipment: Water source to wash from eyes and clothing

SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store at 40 to 100 F in closed containers.
Other Precautions: Keep out of the reach of children.

Date Prepared: 5-14-09

By: PM