

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: ALU-FINISH	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 #: 010
Phone: (814) 749-9015	D.O.T. Shipping Name: Corrosive Liquid NOS (Potassium Hydroxide)
Chemical Name: alkaline detergent blend	Hazard Class: 8 D.O.T. ID#: UN1760 P.G.: III
Chemical Family: cleaner @ aluminum brightener	
HMIS/MSPA Hazard Codes: Health-2, Reactivity-1, Flammability-0, Chronic Effects-0, Protective Equipment, Gloves & Goggles	

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
Potassium Hydroxide (mist only)	1310-58-3	<10%	2 mg/cm3

SECTION 3-PHYSICAL DATA

Boiling Point (F): 212F
Vapor Pressure: 25mm
Vapor Density: NA
Solubility In Water: 100%
Appearance / Odor: Straw colored liquid, mild detergent odor
Specific Gravity: 1.145
Melting point: NA
Evaporation Rate: (BU ACETATE=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: None required
Unusual Fire &Explosion Hazards: None

SECTION 5-HEALTH HAZARD DATA

Route(s) of entry: INHALATION, SKIN, and INGESTION
Threshold Limit Value:
Effects of Overexposure: Irritated eyes and skin from contact with the cleaner concentrate. Severe diarrhea and gastrointestinal track irritation from ingestion. Lung and throat irritation from inhalation of mist.
Emergency & First Aid Procedures: Avoid misting of the cleaner. Eyes—wash with water until irritation stops and see a physician. Skin—wash from skin with water until irritation stops. Remove contaminated clothing and wash before reuse. Ingestion—drink lots of water and see a physician.

SECTION 6-REACTIVITY DATA

Stability: Stable
Conditions to Avoid: None
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: Contain spill and pick up excess liquid with a mop or wet-vac and absorbent if necessary. Wash remaining residue to sewer with lots of water. Product is alkaline but nontoxic and biodegradable.
Waste disposal method: Neutralize quantities with weak acids and wash to sewer with large quantities of water. Small residues can be sewerred without neutralizing. Follow local, state and federal regulation in disposing of all chemicals.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required when used as directed
Ventilation: Yes, Mechanical—general
Protective Gloves: Rubber or vinyl
Eye Protection: Glasses or goggles
Other Protective Equipment: Eye wash and shower for major exposure.
Hygienic Practices: Wash thoroughly after handling concentrate.

SECTION 9-SPECIAL PRECAUTIONS

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

Date Prepared: 5-14-09

By: PM