

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: INDUSTRIAL OVEN	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 #: 056
Phone: (814) 749-9015	D.O.T. Shipping Name: Corrosive Liquid NOS (Potassium Hydroxide)
Chemical Name: Oven and grill cleaner	Hazard Class: 8 D.O.T. ID#: UN1760 P.G.- II
Chemical Family: Highly alkaline Detergent	

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
Sodium Hydroxide (from misting only)		>20	3mg/cu. Meter
Potassium Hydroxide (from misting only)		>20	3mg/cu. Meter

SECTION 3-PHYSICAL DATA

Boiling Point (F): 212 F
Vapor Pressure: 20 mm @ 75
Vapor Density: NA
Solubility In Water: 100 %
Appearance / Odor: Viscous liquid, mild detergent odor
Specific Gravity: 1.2
% Volatile: >60
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: Mist only—10mg/cu. meter
Effects of Overexposure: Vapors—none if misting is avoided when sprayed. Eyes—severe burns. Skin—burns. Ingestion—severe internal burns.
Emergency & First Aid Procedures: Wash from eyes with water for 15 minutes and seek medical attention. Wash from skin, remove contaminated clothing—see a physician. Ingestion—give water, see a physician immediately.
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: For major spills wear goggles, rubber boots, gloves and protective clothing. Neutralize with dilute acids and flush spill area to sewer 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: Local exhaust—if misted
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 and 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