

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

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| Product Name: AP-CHLOR | 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 #: 013 |
| Phone: (814) 749-9015 | D.O.T. Shipping Name: Corrosive Liquid (Potassium Hydroxide) |
| Chemical Name: Chlorinated Cleaner | Hazard Class: 8 D.O.T. ID# UN1760 PG: III |
| Chemical Family: Multi-purpose Food Plant Cleaner | |

SECTION 2-HAZARDOUS INGREDIENTS

| CHEMICAL NAME | CAS NO. | %CONCENTRATE RANGE | OSHA PEL | ACGIH TLV |
|---------------------------------|-----------|--------------------|----------|-----------|
| Potassium Hydroxide (mist only) | 1310-58-3 | >5 | 2 mg/cm3 | 2 mg/cm3 |

SECTION 3-PHYSICAL DATA

Boiling Point (F): 212 F
Vapor Pressure: <25 mm
Vapor Density: NA
Solubility In Water: 100%
Appearance / Odor: Straw colored liquid, mild chlorinated detergent odor
Specific Gravity: 1.156
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
Health Hazards: None from vapors. Eye contact can cause severe irritation and possibly burns. Prolonged skin contact may cause burns or aggravate dermatitis. Ingestion causes severe gastrointestinal irritation & diarrhea.
Effects of Overexposure: Severe irritation of eyes and skin from contact with the cleaner concentrate and prolonged contact with misted cleaner. 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.
Carcinogenicity: No

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: Contain spill and pick up excess liquid with a mop or wet-vac and absorbent if necessary. Wash the small remaining residue to sewer with lots of water. Product is alkaline but nontoxic at high dilutions and the detergent is biodegradable.
Waste disposal method: Ventilate area. Neutralize quantities with weak acids and wash to sewer with large quantities of water. Small residues can be sewered 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