

MATERIAL SAFETY DATA SHEET
(SIMILAR TO OSHA FORM 174)

N.A. = Not Applicable

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: SPRAY OFF NF	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 #: 110
Phone: (814) 749-9015	
HMIS Hazard Code: Health-2, Flammability-0, Reactivity-1	
D.O.T. Shipping Name: Corrosive Liquid NOS (Potassium Hydroxide) Hazard Class: 8 D.O.T. ID # UN 1760 PG: II	

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	%CONCENTRATE RANGE	HAZARD RATINGS (TLV/PEL)
Potassium Hydroxide	1310-58-3	<20	2 mg/m3

SECTION 3-PHYSICAL DATA

Boiling Point (F): 212 F
Vapor Pressure: <20 mm
Vapor Density: NA
Solubility In Water: 100%
Appearance / Odor: Clear liquid, mild detergent odor
Specific Gravity: 1.200
Melting Point: NA
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: None required. Drums exposed to fires should be cooled with a water spray to prevent rupture.
Unusual Fire &Explosion Hazards: None

SECTION 5-HEALTH HAZARD DATA

Route(s) of entry: Ingestion
Health Hazards: None from vapors. Severe eye irritant. Concentrate will irritate the skin upon prolonged contact. Inhaling misted product will irritate respiratory system. Ingestion causes severe irritation of the gastrointestinal track and severe diarrhea.
Effects of Overexposure: Irritated eyes and possibly open skin from prolonged contact with the cleaner concentrate. Mild diarrhea and gastrointestinal irritation from ingestion of the concentrate. Respiratory system irritation from breathing misted product.
Emergency & First Aid Procedures: Vapors—remove to fresh air. Eyes—wash with water until irritation stops; if it persists 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 if symptoms occur. Wear NIOSH approved respirator where OSHA approved levels of 2 mg/m3 of product is misted into the air.
Carcinogenicity: None

SECTION 6-REACTIVITY DATA

Stability: Stable
Conditions to Avoid:
Incompatibility: Strong oxidizing agents and acids
Hazardous Decomposition Products: Carbon dioxide and carbon monoxide from combustion in severe fires.
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. Neutralize residue and wash to sewer. Product is nontoxic and rapidly biodegradable.
Waste disposal method: Neutralize and sewer or landfill following local, state and federal regulations.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: If misting of product occurs and OSHA guideline levels of product are exceeded, wear NIOSH approved respirator
Ventilation: adequate to control misted levels in the work place below OSHA allowed concentrations.
Protective Gloves: rubber or plastic
Eye Protection: glasses or goggles
Other Protective Equipment: Eyewash and shower for major contact.
Hygienic Practices: Wash after handling concentrate and before eating.

SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store 30-100 F in closed containers.
Other Precautions: Keep out of the reach of children.