

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 5/20/2009

Code: 1452

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor: <b>Jubilee Environmental Products, LLC.</b>	Emergency Phone: 1-800-255-3924
Address: 406 South Boulder, Beacon Building, Suite 820, Tulsa, OK	Prepared By: DR
Trade Name: <b>JEP-1</b>	Product Type: Heavy Duty Degreaser

## SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	WT. %(opt)	TLV(Source)	TITLE III, SECT. 313
Potassium Hydroxide	1310-58-3	5-10%	2mg/M3 (CEILING)	No
Sodium Silicate	1344-09-8	5-10%	Not Established	No
Nonionic Surfactant	9016-45-9	1-5%	Not Established	No
Tetrasodium EDTA	64-02-8	1-5%	Not Established	No

## SECTION 3 - PHYSICAL DATA

Boiling point (°F.)	212°F	Specific Gravity (H2O=1.0)	1.06 ± 0.005	pH	13.2 ± 0.5
Vapor Pressure (mm Hg)	Not Determined	Vapor Density (Air=1)	Not Determined		
Solubility in water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)				
Evaporation Rate (vs. H2O)	<input type="checkbox"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same	Appearance and Odor	Clear colored liquid with no distinct odor.		

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.)	°F.	<input checked="" type="checkbox"/> None to Boiling	Flammable Limits	N.A.	Upper	Lower
Extinguishing Media	Product is noncombustible. Water Spray(Fog), Dry Chemical; CO2; or Foam may be used where product is stored.					
Special Firefighting Procedures	Do not enter confined fire-spaces without protective clothing and self-contained air supply.					
Unusual Fire and Explosion Hazards	None					

## SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong Acids, Strong Oxidizers		
Hazardous Decomposition Products	Burning can produce oxides of carbon and other substances.				

## SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other				
Signs and Symptoms Of Overexposure (Acute)	Corrosive material. Will cause burns of skin and eyes with prolonged contact. Corneal damage likely if contact with eyes is prolonged. Generated mists may be severely irritating and cause damage to respiratory tract if inhaled. If swallowed will cause irritation and burns of mucous membranes as well as nausea, vomiting and abdominal pain.				
Signs and Symptoms of Overexposure (Chronic)	Chronic local effect may consist of multiple areas of superficial destruction of the skin or of primary irritant				
Medical Conditions Aggravated by Overexposure	An existing dermatitis.				
Carcinogen or Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE				

## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush eyes with water for at least 15 minutes and call a physician immediately.
Skin	Wash affected areas with large amounts of soap and water. If irritation persists call a physician.
Ingestion	Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.
Inhalation	Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	Provide ventilation to keep concentration of listed components below TLV. Protect against generated mists.				
Ventilation Requirements	Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other	Eye Protection	Safety Glasses/Goggles		
Protective Gloves	Rubber/PVC	Other Protective Clothing	Normal work clothing covering arms and legs.		

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps To Be Taken If Released or Spilled	Do not touch or walk through spilled material. Stop leak if you can do it without risk. Take up small spills with sand or other inert absorbent material and place into containers for later disposal. Dike ahead of large spill for later disposal.				
Waste Disposal Methods	Dispose of in an approved waste facility according to Federal, State and local regulations.				

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage	WARNING: Corrosive liquid. Handle all containers carefully. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse. Neutralized material is not RCRA hazardous. Do not get in eyes, on skin or clothing.				
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**DOT Class** Corrosive liquid, basic, inorganic, n.o.s. (contains Potassium Hydroxide), 8, UN3266, PGII.

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS  
HAZARD  
RATING

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST  
1 - SLIGHT  
2 - MODERATE  
3 - HIGH  
4 - EXTREME