

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 6/29/2005

Code: 1032

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Jubilee Environmental Products, LLC.	Emergency Phone: 1-800-255-3924
Address: 406 South Boulder, Beacon Building, Suite 820 Tulsa, OK 74103	Prepared By:
Trade Name: JEP-14	Product Type: Concentrated Cleaner / Degreaser

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Tetrasodium EDTA	64-02-8	3-5%	None Established
Nonionic Surfactant	9016-45-9	3-5%	None Established
Sodium Carbonate	497-19-8	1-3%	None Established

SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting requirement.

SECTION 3 - PHYSICAL DATA

Boiling point (°F.): 212°F	Specific Gravity (H2O=1.0): 1.0 ± 0.005	pH: 11.5 ± 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"/> <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 non-combustible. 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 oxidizers. Do not mix with chlorinated detergents (i.e. : bleach)
Hazardous Decomposition Products: Burning may 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 checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other	
Signs and Symptoms of Overexposure (Acute): Prolonged or repeated contact of concentrated product with skin and/or eyes may cause irritation and reddening. Eye damage possible if contact is prolonged. Ingestion and/or inhalation of generated mists may cause respiratory irritation, nausea, abdominal discomfort and diarrhea.	
Signs and Symptoms of Overexposure (Chronic): None currently known.	
Medical Conditions Aggravated by Overexposure: None currently known.	
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 with large amounts of soap and water. If irritation persists, consult a physician.	
Ingestion: Do not induce vomiting. Dilute by drinking plenty of water. Get immediate medical attention.	
Inhalation: Not an expected route of exposure. If vapors or mists cause irritation, remove subject to fresh air.	

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required under normal use conditions. 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: Impervious protective clothing appropriate to minimize contact (ie: boots, apron, faceshield) especially where sprayback/misting conditions exist.

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 without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into sound containers for reuse, recycle or proper 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: No special requirements if product is handled according to good manufacturing practices. Keep container closed when not in use. Wash thoroughly after handling.	
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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	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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