

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 8/1/2005

Code: 1528

| SECTION 1 - PRODUCT IDENTIFICATION | | | |
|--|--|--|------------------|
| Distributor: Jubilee Environmental Services | Emergency Phone: 1-800-255-3924 | | |
| Address: 406 S. Bolder , Suite 820, Tulsa, OK., 74103 | Prepared By: L Lannan | | |
| Trade Name: JEP-11 | Product Type: Cleaner/Degreaser | | |
| SECTION 2 - INGREDIENTS | | | |
| CHEMICAL NAME/COMMON NAME | CAS NO. | PERCENT(optional) | TLV(Source) |
| Dipotassium E.D.T.A. | 2001-94-7 | 1-3% | None Established |
| Potassium Hydroxide | 1310-58-3 | 1-3% | 2ppm (TWA/STEL) |
| Sodium Silicate | 1344-09-8 | 1-3% | None Established |
| Nonionic Surfactant Mixture | Proprietary | 2 - 10% | 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): 1.05 ± 0.005 | pH: 13.3 | ± 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, green colored liquid with characteristic odor. | |
| SECTION 4 - FIRE AND EXPLOSION HAZARD DATA | | | |
| Flash Point (T.C.C.): °F. <input checked="" type="checkbox"/> None to Boiling <input type="checkbox"/> 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 acids/oxidizers. Do not mix with chlorinated detergents (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): Direct contact with eyes may cause severe irritation, pain, swelling of conjunctiva. and possible corneal damage if not promptly treated. May cause moderate to severe skin irritation with prolonged or repeated contact. Ingestion can cause severe irritation or burns of the mouth, nose, throat and stomach along with nausea and vomiting. | | | |
| Signs and Symptoms of Overexposure (Chronic): Chronic inhalation of spray or mists may result in damage to respiratory tract tissue and lung tissue. Effects can range from mild irritation of mucous membranes to pneumonitis. | | | |
| 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 with large amounts of soap and water. If irritation persists, consult 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: Not required under normal use conditions with ventilation sufficient to control vapors / mists below regulatory limits. 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) depending on operation. | |
| SECTION 9 - SPILL OR LEAK PROCEDURES | | | |
| Steps to be Taken if Released or Spilled: Before attempting clean up, refer to data given above. 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 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: Do not get in eyes, on skin or clothing. Keep container closed when not in use. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse. Protect against generated mists. | | | |

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 | 2 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | X |

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