

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

DATE PREPARED: 6/29/2005

CODE: 1442

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: DR		
Trade Name JEP-5	Product Type Industrial Butyl Degreaser & Cleaner		
SECTION 2 - INGREDIENTS			
CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Ethylene Glycol Butyl Ether (Section 313 Listed)	111-76-2	5-10%	25ppm* (TWA; STEL) (SKIN)
Potassium Hydroxide	1310-58-3	5-10%	2mg/M3(TWA;STEL)
Dipotassium EDTA	2001-94-7	1-5%	Not Established
Nonionic Surfactant	9016-45-9	1-5%	Not Established
SARA HAZARD: TITLE III, SECTION 313: Contains the Glycol Ether indicated at 5-10% by weight.			
SECTION 3 - PHYSICAL DATA			
Boiling point (°F.) 212°F	Specific Gravity (H2O=1.0) 1.04 ± 0.005	pH 13.5 ± 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"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor Clear 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	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 Acids/Strong Oxidizers		
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 checked="" 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 will cause irritation and reddening. Eye damage possible if contact is prolonged. Generated mists may be irritating to eyes, skin and respiratory tract. Harmful if swallowed - will cause severe irritation and/or burns of mucous membranes with possible nausea, vomiting and diarrhea.		
Signs and Symptoms of Overexposure (Chronic):	Contains material which may penetrate skin readily. Ingestion, prolonged, repeated or widespread contact may result in the absorption of potentially harmful amounts.		
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 Use with adequate ventilation to control vapors/mists below regulatory limits. Protect against generated mists/spray-back.			
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	No special requirements if product is handled according to good manufacturing practices. DOT Classification: Not Regulated		

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.

**HMS
HAZARD
RATING**

HEALTH	2*
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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