

MATERIAL SAFETY DATA SHEET

Manufactured for: Schaeffer Mfg. Company		Emergency Response Number:				
Address: 102 Barton Street		314-865-4105(24-hour emergency number) or				
Address: St. Louis, MO 63104		800-325-9962				
SECTION 1 – PRODUCT INFORMATION						
Chemical Family: Organic Solvents		Trade Name: #284 Diesel Hotline				
Formula: Proprietary Mixture						
SECTION 2 – HAZARDOUS INGREDIENTS						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES	CAS Number	%	Exposure Limits			
			TVL		PEL	
			ppm	mg/m ³	ppm	mg/m ³
2-Butoxyethanol	111-76-2	Trade secret	NE		NE	
Petroleum Distillates	64742-06-9	Trade secret	200			
Section 3 – PHYSICAL DATA						
Boiling Point:	Approximately 250°F/121°C	Specific Gravity:			.85	
Vapor Pressure @ 20°C (mm, Hg):	Approximately 10	% Volatile:			100	
Vapor Density (Air = 1):	>1	Evaporation Rate: (butyl acetate=1)			<1	
Solubility in Water:	Soluble	pH:			Not Determined	
Appearance and Odor: slight amber color, aromatic hydrocarbon odor						
SECTION 4 - FIRE AND EXPLOSION HAZARD DATA						
Flash Point (Method) °F/°C: 120°F/49°C TCC (ASTM D-93)		Flammability Limits UEL & LEL Upper: 12% Lower 1%				
Extinguishing Media: Dry chemical foam, alcohol foam, CO ² for small fires, For large fires use alcohol foam.						
Special Fire Fighting Procedures: Isolate Hazard area and deny entry. Stay upwind. Wear self-contained breathing apparatus in the positive pressure mode and chemical protective clothing specifically recommended for methanol.						
Unusual Fire & Explosion Hazards: Vapors can travel a considerable distance to a source of ignition and flash back.						
SECTION 5 - REACTIVITY HAZARD DATA						
STABILITY	<input checked="" type="checkbox"/> STABLE	<input type="checkbox"/> UNSTABLE	Hazardous Decomposition <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR			
Conditions to Avoid: High heat and open flame.						
Incompatibility (Materials to avoid): Strong oxidizers						
Hazardous Decomposition Products: Carbon monoxide						
Conditions to Avoid: None						
SECTION 6 - HEALTH HAZARD DATA						
Threshold Limit Value and Sources: Supplier Limit 200ppm TWA .						
Acute Effects of Overexposure:						
Ingestion:	Headache, weakness, drowsiness, light headedness, nausea, vomiting,					
Eye Contact:	Severe irritation to eyes.					
Skin Contact:	Repeated and prolonged contact can cause irritation and dermatitis. Product may be absorbed through the skin.					
Inhalation:	Irritation of the upper respiratory tract, drowsiness, light headedness, , blurred vision.					
CHRONIC EFFECTS OF OVEREXPOSURE: Repeated and overexposure to aromatic hydrocarbon solvents can cause kidney and liver damage.						
Emergency and First Aid Procedures:						
Swallowing:	If this material is swallowed give a large amount of water to drink. Do not induce vomiting. Seek medical attention immediately.					
Skin:	Promptly wash with soap and water for at least 15 minutes. If product is spilled on clothing immediately remove and wash skin with soap and water if the chemical has penetrated the clothing. Throw away product soaked shoes.					
Inhalation:	Remove victim to fresh air. If breathing is labored administer oxygen. If breathing has stopped start artificial respiration immediately. Seek medical attention immediately.					
Eyes:	Immediately flush eyes with large amounts of clear cool running water for 15 minutes. Hold eyelids apart while flushing to rinse entire surface of eye and lids with water. Seek medical attention immediately. Continue flushing with water for additional 15 minutes if medical attention is not immediately available.					
SECTION 7 – SPILL OR LEAK PROCEDURES						
Environmental Impact: This material is not expected to present any environmental problems other than those associated with oil spills. If spilled into a watercourse, call the Coast Guard Toll Free No. 800-424-8802.						
Procedures To Be Taken if Material Is Released or Spilled: Shut off all sources of ignition. Absorb spills with absorbent clay Ventilate confined spaces. Keep out of sewers and watercourses.						
Waste Disposal Method: Dispose of at an approved waste or disposal site facility in accordance with all applicable federal, state and local laws and regulations. This product is considered to be an RCRA hazardous waste due to its flammability D001						

Date Prepared: 11/30/06

OF-1049 Rev. (1999)

SECTION 8 – SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Positive-pressure respiratory protection may be needed in confined or enclosed spaces.
Ventilation:	Use explosion proof ventilation to control vapor concentration
Eye Protection:	Use splash proof, chemical safety goggles. Contact lenses should not be worn when working with this product.
Protective Clothing:	Viton or Nitrile gloves. Wear long sleeve shirt or chemical protective suit and neoprene boots.

SECTION 9 – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Store away from ignition sources, combustibles, oxidizing materials and acids. Store in an area equipped with automatic sprinkler system or fire extinguishing system. Keep containers closed when not in use

Special Comments: Wash skin thoroughly with soap and water after handling and before eating, smoking and using toilet facilities. Keep away from food and feed products. This product is a flammable liquid. Avoid breathing vapors. Avoid prolonged or repeated skin contact. Remove contaminated shoes and clothing, laundry before reuse.

SECTION 10 – ADDITIONAL HEALTH AND TOXICOLOGICAL DATA

HMIS & NFPA Ratings: Health = 2 Fire = 2 Reactivity = 0

This product does not contain any of the chemicals listed on the National Toxicology Program Annual Reports on Carcinogens, The International Agency for Cancer Research Monographs and OSHA's 1910.10 Subpart Z List.

This product does not contain any chemicals that are found on the State of California's Proposition 65 List for chemicals classified as potential reproductive or cancer causing agent.

All of the ingredients of this product are listed on the USA TSCA Inventory List and are in compliance with the Canadian Environmental Protection Act and are present on the Domestic Substance List

For EPA CERCLA & SARA TITLE III Information see below.

SARA TITLE III INFORMATION

I. Section 302/304 Extremely Hazardous

Component	CAS#	%	RQ lbs.	RQ gals.*
None				

II. Section 102 (a) CERCLA Hazardous Substance

Component	CAS#	%	RQ lbs.	RQ gals.*
None				

*Product RQ for Stationary Sources

III. Title Section 311 Hazardous Categorization

Acute	Chronic	Fire	Pressure	Reactivity
X	X	X		

IV. Section 313 Toxic Chemical

Component	CAS#	%
2-Butoxyethanol	111-76-2	Exact percentage used is considered to be a trade secret

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