

MATERIAL SAFETY DATA SHEET OSHA Hazard Communication Standard 29 CFR 1910.1200																	
Section I																	
Product Name: Twin Job			Distributed By: AMERICAN CONTINENTAL TECH Address: 1625 ROBERT C JACKSON ST, MARYVILLE, TN 37801 Phone: (865) 984-8701														
Product Code: LP-2202																	
Chemical Family: Fabric Stain Remover																	
Chemical Formula: Mixture																	
HSDS Revision Date: 04/28/99			Department of Transportation Federal Motor Carrier Hazardous Material Shipping Regulations														
Proper Shipping Name: Not regulated			Hazard Classification: Not regulated														
Identification Number: Not regulated			For Transportation Emergencies, Call: Chemtrec 1-800-424-9300														
Section II - Hazardous Ingredients/Identity Information																	
HAZARDOUS COMPONENT	CAS NUMBER	OSHA PEL	ACGIH TLV	COMMENTS													
2-Butoxyethanol	111-76-2	25 ppm	25 ppm	SARA Title III Section 313													
Non-ionic surfactants	N/A	N.E.	N.E.	Eye irritation hazard													
Coupling Agents	N/A	N.E.	N.E.	Eye irritation hazard													
Sequestrants	N/A	N.E.	N.E.	Eye irritation hazard													
SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT of 1986 (SARA) Title III requires submission of annual reports of release of toxic chemicals appearing in 40 CFR 372 (Section 313). Section 313 information must be included in all MSDS's that are copied and distributed to end-users. For help and additional information concerning Title III call the EPA Hotline at 1-800-535-0202.																	
Section 313 Component	Percent Range	Section 313 Component		Percent Range													
2-Butoxyethanol	2.0 - 4.0 %																
Section III - Physical/Chemical Characteristics																	
Boiling Point: 212 degrees F	Vapor Pressure (mm Hg): N/A		Summary of Hazard Rating (HMIS)														
Freezing Point: N/A	Vapor Density: N/A		Hazard Rating Key														
pH (1%): 9.00	Evaporation Rate: N/A		<table border="1"> <tr> <td>Hazard</td> <td>Rating</td> <td>Key</td> </tr> <tr> <td>Health:</td> <td>2</td> <td>0-Minimal 3-High</td> </tr> <tr> <td>Fire and explosion:</td> <td>0</td> <td>1-Slight 4-Extreme</td> </tr> <tr> <td>Reactivity:</td> <td>0</td> <td>2-Moderate</td> </tr> </table>			Hazard	Rating	Key	Health:	2	0-Minimal 3-High	Fire and explosion:	0	1-Slight 4-Extreme	Reactivity:	0	2-Moderate
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Health:	2	0-Minimal 3-High															
Fire and explosion:	0	1-Slight 4-Extreme															
Reactivity:	0	2-Moderate															
Solubility in Water: Excellent	Specific Gravity: 1.07																
Appearance and Odor: Clear, colorless liquid with a deodorizer type odor.																	
Section IV - Fire and Explosion Data																	
Flash Point (method): Not combustible		Flammable Limits in Air, % by Vol.		LEL: N/A	UEL: N/A												
Extinguishing Media: Use appropriate media for surrounding structures and containers.																	
Special Fire Fighting Procedures: As with all chemical fires, wear self-contained breathing apparatus in confined areas or where smoke or fumes can drift or accumulate.																	
Unusual Fire and Explosion Hazard: N/A																	
Section V - Reactivity Data																	
Stability (unstable/stable): Stable		Hazardous Polymerization: Will not occur															
Stability conditions to avoid: High temperatures																	
Incompatibility (Materials to avoid): N/A																	
Hazardous Decomposition or By-products: Carbon monoxide and/or carbon dioxide may be evolved under extreme conditions.																	

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Section VI - Health Hazard Data			
Threshold Limit Value: Not established			
Route(s) of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes			
Health Hazards-Acute: Eyes-Cause moderate irritation. Skin-Cause irritation or dermatitis caused by defatting of skin. Prolonged exposures may allow 2-Butoxyethanol to be absorbed resulting in possible hemoglobinuria. Ingestion may cause irritation, nausea, diarrhea, vomiting. Inhalation may irritate nose, throat, mucous membranes. Prolonged inhalation, ingestion or severe exposures can cause hemolysis (destruction of red blood cells), kidney damage, or liver damage.			
Health Hazards-Chronic: N/A			
Carcinogenicity: Not carcinogenic OSHA Regulated? Not carcinogenic NTP? Not carcinogenic			
Effects of Overexposure: Causes irritation to skin, eyes, mucous membranes, digestive system, and respiratory system. Skin absorption of 2-Butoxyethanol is possible in severe or prolonged exposures. Toxic by ingestion.			
Emergency and First Aid Procedures:			
Ingestion(swallowing): DO NOT INDUCE VOMITING! Drink 1 to 2 glasses of water or milk to dilute. Seek immediate medical attention. If vomiting does occur, keep victim's head below his/her hips to prevent breathing of liquid into lungs (aspiration hazard).			
Skin Contact: Flush area thoroughly with large amounts of running water. Seek medical attention if irritation develops.			
Eye Contact: Flush eyes thoroughly with running water for at least 15 minutes. Seek medical attention immediately.			
Section VII - Spill or Leak Procedures			
Steps To Be Taken In Case Material Is Released or Spilled: Obtain and wear protective equipment. Small spills may be flushed into a sewer connected to a private or municipal treatment facility, if approved by the local, state, and federal regulations. Follow with sufficient water to flush system. For large spills, dike the area with sand or adsorbent material. Pump over into a DOT-approved salvage drum. Place contaminated absorbent in a suitable container for disposal.			
Waste Disposal Method: This product contains material listed in EPA SARA Title III regulations. Contact Federal, state, and local authorities for current disposal and reporting requirements.			
Section VIII - Special Protection Information			
Respiratory Protection(specify type): Maintain adequate ventilation to prevent concentrations of vapors and mist above the TLV. If vapors or mists cannot be controlled, wear an approved respirator with an organic cartridge. Use caution when using materials on hot surfaces as this increases the evaporation rate producing additional quantities of vapors.			
Ventilation: Provide sufficient ventilation to prevent accumulations of vapors and mists.			
Local Exhaust: Provide local exhaust if general ventilation is insufficient to control vapors.			
Mechanical(general): Maintain adequate ventilation to prevent accumulations of vapors and mist.			
Protective gloves: Wear rubber gloves to prevent skin contact irritation and skin absorption.			
Eye Protection: Wear safety glasses or goggles to prevent eye contact.			
Other Protective Equipment: An eye wash and safety shower should be provided near the point of use.			
Section IX - Special Precautions			
Precautions to Be Taken in Handling and Storage: Do not freeze. Wear suitable protective equipment and clothing. Wash contaminated clothing thoroughly before reuse. Wash hands thoroughly after handling.			
Other precautions: Keep out of reach of children.			
Section X - User Responsibility			
The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.			