

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Bone Dry (EXT147) Product Class: Drying Agent Emergency Telephone Number: 800-535-5053 (INFOTRAC) Telephone Number for Information: 763-509-7937 Manufacturer's Name and Address: Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373		
SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS		
Hazardous Components (Specific Chemical Identity):		
Chemical	Common Name(s)	
A	2-butoxy ethanol CAS #111-76-2	
B	Mineral Seal Oil CAS #64742-46-7	
SECTION III - HAZARDS IDENTIFICATION		
Emergency Overview		
Appearance and Odor: Amber liquid, solvent odor. Primary Hazards: Irritant		
Potential Health Hazards		
Route(s) of Entry:	Skin Absorption: X Ingestion: X Inhalation: X	
Eye:	May cause Irritation	
Skin:	May cause Irritation	
Ingestion:	May be harmful if swallowed.	
Inhalation:	Overexposure to 2-Butoxy ethanol (butyl) / Mineral Seal Oil vapors may cause central nervous system effects including drowsiness, headaches, nausea and dizziness.	
Signs and Symptoms of Exposure:	Irritation on direct contact.	
Carcinogenicity:	NTP? No IARC Monographs? No	
OSHA Regulated?	No	
Target Organ(s):	Liver, kidneys, lymphoid system, skin, blood, eyes and respiratory system.	
Medical Conditions Generally Aggravated by Exposure:	N. Av.	
Health Hazards, Chronic:	Overexposure to 2-Butoxy ethanol (butyl) / Mineral Seal Oil may cause damage to one or more of the target organs listed above.	
SECTION IV - FIRST AID MEASURES		
Emergency and First Aid Procedures:		
If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person. Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.		
Sources Used: Raw material data, general toxicology from the trade for similar products.		
SECTION V - FIRE FIGHTING MEASURES		
Flammability:	N. Av. Autoignition Temperature: N. Ap.	
Flash Point (method used):	None	
Flammable Limits:	N. Ap. LEL UEL	
Extinguishing Media:	N. Ap.	
Water?	Foam?	Water Fog?
Alcohol Foam?	CO ₂ ?	Dry Chemical?
Vaporizing Liquid?	Other?	
Special Fire Fighting Procedures:	N. Av.	
Unusual Fire and Explosion Hazards:	N. Av.	
TDG Flammability Classification:	Non-flammable	
Sensitivity to Mechanical Impact:	None	
Sensitivity to Static Discharge:	None	
SECTION VI - ACCIDENTAL RELEASE MEASURES		
Steps to be taken in Case Material is Released or Spilled: Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.		
SECTION VII - HANDLING AND STORAGE		
Precautions to be taken in Handling and Storing: Normal care in handling and storage.		
Other Precautions: Keep out of reach of children. Keep from freezing.		
SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION		
Respiratory Protection (Specify Types): Not required		
Ventilation:	Local Exhaust: Not required Special: Not required	
Mechanical (General): Ventilate to keep vapor levels below PEL and TLV, listed in Section XI. Other: Not required		
Protective Gloves:	Natural rubber or synthetic.	
Eye Protection:	Approved safety goggles or glasses. Footwear: Chemical resistant	

Other Protective Clothing or Equipment: Not required					
Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.					
SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point:	Approximately 212°F	pH:	7 -10		
Specific Gravity (H ₂ O) = 1:	.966	Odor Threshold:	N. Av.		
Vapor Density (Air = 1):	> N. Av.	Oil/Water Distribution Coefficient:	N. Av.		
Evaporation Rate (Butyl Acetate = 1):	N. Av.				
Solubility in Water:	Dispersible				
Vapor Pressure (MM HG):	N. Av.				
Melting Point:	N. Ap.				
SECTION X - STABILITY AND REACTIVITY					
Stability:	Unstable: Stable: X				
Conditions to Avoid:	N. Ap.				
Incompatibility (materials to avoid):	N. Av.				
Hazardous Decomposition or By-products:	N. Av.				
Hazardous Polymerization:	May occur: Will not occur: X				
Conditions to Avoid:	N. Ap.				
SECTION XI - TOXICOLOGICAL INFORMATION					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	25 ppm (skin)	25 ppm (skin)	25 ppm	1.48 g/kg (rat, oral)	N. Av.
B	5mg/m3.	N. Ap.	N. Ap.	5000 mg/kg (rat,oral)	N. Av.
Teratogen, Mutagen, Reproductive Toxin Status:		No known relevance to humans.			
Toxicologically Synergistic Products:		N. Av.			
SECTION XII - ECOLOGICAL INFORMATION					
Ecotoxicological Information:		N. Av.			
Chemical Fate Information:		N. Av.			
SECTION XIII - DISPOSAL CONSIDERATIONS					
Waste Disposal Method: Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.					
RCRA Hazard Class:					
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification: Cleaning Compound, n.o.s.					
UN Number: N. Ap.					
Packing Group: N Ap.					
SECTION XV - PREPARATION DATA					
Prepared By: Health and Safety Department					
Telephone Number: 763-509-7937					
Date: 6-26-2008					
SECTION XVI - REGULATORY INFORMATION					
US Federal Regulations					
TSCA Status: All ingredients listed.					
CERCLA Reportable Quality: N. Av.					
SARA Title III					
Section 302 Extremely Hazardous Chemicals: None					
Section 311/312 Hazard Category: Immediate health, chronic health.					
Section 313 Toxic Chemicals: 2-butoxy ethanol (glycol ether),					
SECTION XVII - OTHER INFORMATION					
None					
N. Ap. - Not Applicable; N.Av. - Not Available					

NFPA SYSTEM

2 A. Health Hazard 0 A.Fire Hazard 0 A. Reactivity Hazard

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