

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Identity (As Used on Label and List): Magma Shine (EXT504) 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 #647742-30-9
SECTION III - HAZARDS IDENTIFICATION	
Emergency Overview	
Appearance and Odor: Yellow liquid, tropical 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) 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) 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? CO2? Dry Chemical? Vaporizing Liquid? Other?	
Special Fire Fighting Procedures: N. Ap. 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 (H2O) = 1: 1. to 1.01 Vapor Density (Air = 1): > N. Av. Odor Threshold: N. Av. Evaporation Rate (Butyl Acetate = 1): N. Av. Oil/Water Distribution Solubility in Water: Dispersible Coefficient: N. Av. 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 N. Av. (rat, oral)
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 Liquid, NOIBN UN Number: N. Ap. Packing Group: N. Ap.
SECTION XV - PREPARATION DATA
Prepared By: Health and Safety Department Telephone Number: 763-509-7937 Date: 4-11-2013
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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