

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Identity (As Used on Label and List): Black Flim Remover (EXT120)	
Product Class: Water-based cleaner press wash	
Emergency Telephone Number: 800-535-5053 (INFOTRAC)	
Telephone Number for Information: 763-509-7937	
Manufactured by: 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	Paraffinic Naphthenic solvent CAS #64742-47-8
B	Surfactant Blend
D	2-butoxy ethanol CAS #111-76-2
SECTION III - HAZARDS IDENTIFICATION	
Emergency Overview	
Appearance and Odor: Amber liquid, mild 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 vapors may cause drowsiness, headaches, nausea, and dizziness.	
Signs and Symptoms of Exposure: Irritation on direct contact. Symptoms may be delayed.	
Carcinogenicity: NTP? No IARC Monographs? No	
OSHA Regulated? No	
Target Organ (s): Liver, kidneys, lymphoid system, eyes, skin, and respiratory system.	
Medical Conditions Generally Aggravated by Exposure: N. Av.	
Health Hazards, Chronic: Overexposure to 2-butoxy ethanol may cause damage to one or more of target organs listed. Repeated skin contact may cause sensitization.	
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. 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. Ap. Autoignition Temperature: N. Ap.	
Flash Point (method used): > 210 F	
Flammable Limits: N. Ap. LEL UEL	
Extinguishing Media	
Water?	Foam X Water Fog X
Alcohol Foam?	CO₂ X Dry Chemical X
Vaporizing Liquid?	Other?
Special Fire Fighting Procedures: N. Ap.	
Unusual Fire and Explosion Hazards: N. Av.	
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): A NIOSH respirator is recommended when spraying product if ventilation is insufficient.	
Ventilation: Local Exhaust: Not required Special: Not required	

Mechanical (General): Normal good ventilation sufficient. Other: Not required					
Protective Gloves: Natural rubber or synthetic.					
Eye Protection: Approved safety goggles or glasses. Footwear: Not required					
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: 2 - 4				
Specific Gravity (H2O) = 1: .91 - .96	% Volatile: 60 - 100				
Vapor Density (Air = 1): 4 - 6	Odor Threshold: N. Av.				
Evaporation Rate (Butyl Acetate = 1): N. Av.	Oil/Water Distribution				
Solubility in Water: Complete	Coefficient: N. Av.				
Vapor Pressure (MM HG): Approx.2mm/hg/@ 72f					
Melting Point: N. Ap.					
SECTION X - STABILITY AND REACTIVITY					
Stability: Unstable: Stable: X					
Conditions to Avoid: N. Ap.					
Incompatibility (materials to avoid): Strong oxidizing agents and acids					
Hazardous Decomposition or By-products: Carbon dioxide, Carbon monoxide					
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	500 ppm	500 ppm	N. Av.	15000mg/kg (rat oral)	5.5 mg/l (rat 1h)
B	N. Ap.	N. Ap.	N. Av.	N. Av.	N. Av.
D	50 ppm(skin)	20 ppm(skin)	N. Av.	1.48 g/kg (rat)	N. Av.
Teratogen, Mutagen, Reproductive Toxin Status: No					
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: N. Ap.					
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification: Cleaning Compound NOI					
UN Number: N.Ap.					
Packing Group: N.Ap.					
SECTION XV - PREPARATION DATA					
Prepared By: Health and Safety Department					
Telephone Number: 763-509-7937					
Date: 1-20-2011					
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, chronic health hazard					
Section 313 Toxic Chemicals: 2-butoxy ethanol (glycol ether)					
SECTION XVII - OTHER INFORMATION					
NOTICE State of California					
Warning: This product may contain chemicals know to the State of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacturing of this product.					
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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