

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION Identity (As Used on Label and List): Soak Tank Degreaser (SOA110) Product Class: Water-based cleaner 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): <table border="1"><thead><tr><th>Chemical</th><th>Common Name(s)</th></tr></thead><tbody><tr><td>A</td><td>Sodium Metasilicate CAS #6834-92-0</td></tr><tr><td>B</td><td>2-butoxy ethanol CAS #111-76-2</td></tr></tbody></table>	Chemical	Common Name(s)	A	Sodium Metasilicate CAS #6834-92-0	B	2-butoxy ethanol CAS #111-76-2			
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A	Sodium Metasilicate CAS #6834-92-0								
B	2-butoxy ethanol CAS #111-76-2								
SECTION III - HAZARDS IDENTIFICATION Emergency Overview Appearance and Odor: Red liquid, mild odor. Primary Hazards: Irritant Potential Health Hazards Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X Eye: May cause irritation or burns on contact. Skin: May cause irritation or burns on contact. Ingestion: May be harmful if swallowed. Inhalation: Overexposure to 2-butoxy ethanol may be damage. Signs and Symptoms of Exposure: Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed. Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No Target Organ (s): Eyes, skin. See health hazards, chronic. Medical Conditions Generally Aggravated by Exposure: N. Av. Health Hazards, Chronic: Overexposure to chemical D, Section II may cause damage to liver, kidneys, lymphoid system, skin blood, eyes, and respiratory system.									
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: No Autoignition Temperature: N. Ap. Flash Point (method used): None Flammable Limits: N. Ap. LEL UEL Extinguishing Media: N. Ap. <table border="1"><tr><td>Water?</td><td>Foam?</td><td>Water Fog?</td></tr><tr><td>Alcohol Foam?</td><td>CO₂?</td><td>Dry Chemical?</td></tr><tr><td>Vaporizing Liquid?</td><td>Other?</td><td></td></tr></table> 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	Water?	Foam?	Water Fog?	Alcohol Foam?	CO ₂ ?	Dry Chemical?	Vaporizing Liquid?	Other?	
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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): Dust/mist respirator is recommended when spraying product. 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: > 12.2 Specific Gravity (H20) = 1: 1.03 Vapor Density (Air = 1): N. Av. 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): 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 <table border="1"><thead><tr><th>Chemical</th><th>OSHA PEL</th><th>ACGIH TLV</th><th>Recom.</th><th>LD50</th><th>LC50</th></tr></thead><tbody><tr><td>A</td><td>2 mg/M3</td><td>2 mg/M3</td><td>N. Av.</td><td>800 mg/kg (rat, oral)</td><td>N. Av.</td></tr><tr><td>B</td><td>25 ppm</td><td>25 ppm</td><td>N. Av.</td><td>140-340 gm/kg</td><td>N. Av.</td></tr></tbody></table> Teratogen, Mutagen, Reproductive Toxin Status: No Toxicologically Synergistic Products: N. Av.	Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50	A	2 mg/M3	2 mg/M3	N. Av.	800 mg/kg (rat, oral)	N. Av.	B	25 ppm	25 ppm	N. Av.	140-340 gm/kg	N. Av.
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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: Not																		
SECTION XIV - TRANSPORT INFORMATION Shipping Classification: Cleaning compound NOS Class: N. Ap. UN Number: N. Ap. Packing Group: N. Ap.																		
SECTION XV - PREPARATION DATA Prepared By: Health and Safety Department Telephone Number: 763-509-7937 Date: 7-6-2009																		
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 hazard 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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