

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Metal Prep Cleaner (MET130) Product Class: Cleaner /Degreaser 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	Sodium Hydroxide CAS #1310-73-2	
B	Alky-imino acid sodium salt CAS #64972-19-6	
SECTION III - HAZARDS IDENTIFICATION		
Emergency Overview		
Appearance and Odor: Clear liquid, mild odor Primary Hazards: Corrosive		
Potential Health Hazards		
Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X Eye: May cause chemical burns on contact. Skin: May cause chemical burns on contact. Ingestion: Harmful if swallowed. Inhalation: No known vapors 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 and skin. Medical Conditions Generally Aggravated by Exposure: Pre existing eye or skin disorders. Health Hazards, Chronic: N. Av.		
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 immediate medical attention. Skin Contact: Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. If irritation occurs or persists seek medical attention. Sources Used: Raw material data, general toxicology from the trade for similar products.		
SECTION V - FIRE FIGHTING MEASURES		
Flammability: No Autoignition Temperature: N. Av. Flash Point (method used): None Flammable Limits: N. Av. LEL UEL Extinguishing Media: N. Av. Water? Foam? Water Fog? Alcohol Foam? CO2? 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): Normal good ventilation sufficient. Other: Not required Protective Gloves: Natural rubber or synthetic. Eye Protection: Approved safety goggles or glasses. Footwear: chemical resistant Other Protective Clothing or Equipment: Chemical resistant Work/Hygiene Practices: Do not contaminate food or beverages with cleaning chemicals.		

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: N. Av.		pH: > 13.5			
Specific Gravity (H20) = 1: 1.26.		% Volatile: N. Av.			
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. Av.					
SECTION X - STABILITY AND REACTIVITY					
Stability: Unstable: Stable: X					
Conditions to Avoid: Acids Contact with some metals can generate explosive hydrogen gas Incompatibility (materials to avoid): Amphoteric metals (aluminum, copper, zinc) Hazardous Decomposition or By-products: N. Av. Hazardous Polymerization: May occur: Will not occur: X Conditions to Avoid: N. Av.					
SECTION XI - TOXICOLOGICAL INFORMATION					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	2 mg/m3.	2 mg/m3	N. Av.	140-340 mg/kg (rat, oral)	N. Av.
B	N. Av.	N. Av.	N. Av.	285 mg/kg (rat, oral)	.39 mg/l (rat,4H)
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 sewered, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations. RCRA Hazard Class: D002, characteristic corrosive.					
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification: Corrosive liquid, basic, inorganic, N.O.S. (sodium hydroxide) Class 8 UN Number: 3266 Packing Group: II					
SECTION XV - PREPARATION DATA					
Prepared By: Health and Safety Department Telephone Number: 763-509-7937 Date: 3-18-2010					
SECTION XVI - REGULATORY INFORMATION					
US Federal Regulations TSCA Status: All ingredients listed. CERCLA Reportable Quality: 2000 lbs for Sodium hydroxide SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: Immediate health hazard Section 313 Toxic Chemicals: None					
SECTION XVII - OTHER INFORMATION					
None					
N. Av. - Not Applicable; N. Av. - Not Available					

NFPA SYSTEM

3 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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