

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Grime & Oil Away (B) (GRI110)		
Product Class: Degreaser Concentrate		
Emergency Telephone Number: 800-535-5053 (INFOTRAC)		
Telephone Number for Information: 763-509-7937		
Manufacturers 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	Potassium hydroxide CAS #1310-58-3	
SECTION III - HAZARDS IDENTIFICATION		
Emergency Overview		
Appearance and Odor: Clear liquid, slight aroma.		
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:	May be harmful if swallowed.	
Inhalation:	No hazardous 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, skin and mucous membranes.	
Medical Conditions Generally Aggravated by Exposure:	N. Av.	
Health Hazards, Chronic:	N. Av.	
SECTION IV - FIRST AID MEASURES		
Emergency and First Aid Procedures:		
For Eye Contact: Immediately flush eyes with sanitary eye wash solution or running water for at least 15 minutes. Obtain medical attention. Continue to flush eyes until medical attention arrives. If Swallowed: Do not induce vomiting. Drink two glasses of water, follow with orange juice and immediately call a physician. Never give anything by mouth to a unconscious person. For 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.	
Water?	Foam?	Water Fog?
Alcohol Foam?	CO ₂ ?	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): As required to keep vapor levels below TLV & PEL, listed in Section XI. Other: 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 (100°C)	pH:	13 - 14
Specific Gravity (H ₂ O) = 1:	1.23	% Volatile:	
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					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	C2 mg/ M ₃	C2 mg/M ₃	N. Av.	205 mg/kg (rat, oral)	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: NA	

SECTION XIV - TRANSPORT INFORMATION	
Shipping Classification: Compound Cleaning liquid N.O.I.	
Class: NA	
UN Number: NA	
Packing Group: NA	

SECTION XV - PREPARATION DATA	
Prepared By: Health and Safety Department	
Telephone Number: 763-509-7937	
Date: 1-7-2011	

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 health, chronic health	
Section 313 Toxic Chemicals: None	

SECTION XVII - OTHER INFORMATION	
None	
N. Ap. - Not Applicable; N. Av. - Not Available	

NFPA SYSTEM		
<u>2</u> A. Health Hazard	<u>0</u> A. Fire Hazard	<u>0</u> A. Reactivity Hazard

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Protective Gloves:	Natural rubber or synthetic.
Eye Protection:	Approved safety goggles or shield. Footwear: Rubber footwear.