

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION Identity (As Used on Label and List): Tire & Motor (EXT196) Product Class: Water-based 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 55126									
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 hydroxide CAS #1310-73-2</td></tr></tbody></table>	Chemical	Common Name(s)	A	Sodium hydroxide CAS #1310-73-2					
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SECTION III - HAZARDS IDENTIFICATION Emergency Overview Appearance and Odor: Green liquid, mild odor. Primary Hazards: Corrosive Potential Health Hazards Route(s) of Entry: Skin Absorption: X Ingestion: X Inhalation: X Eye: Causes chemical burns. Skin: May cause chemical burns. Ingestion: Harmful if swallowed. Inhalation: No hazardous vapors Signs and Symptoms of Exposure: Irritation or chemical burns on direct contact. Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No Target Organ (s): Medical Conditions Generally Aggravated by Exposure: N. Av. Health Hazards, Chronic:									
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 immediately. Skin Contact: Flush thoroughly with cool water if irritation persists seek medical attention. 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. Av. Flash Point (method used): None Flammable Limits: N. Av. LEL UEL Extinguishing Media: N. Av. <table border="1"><thead><tr><th>Water?</th><th>Foam?</th><th>Water Fog?</th></tr></thead><tbody><tr><td>Alcohol Foam?</td><td>CO₂?</td><td>Dry Chemical?</td></tr><tr><td>Vaporizing Liquid?</td><td>Other?</td><td></td></tr></tbody></table> 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	Water?	Foam?	Water Fog?	Alcohol Foam?	CO ₂ ?	Dry Chemical?	Vaporizing Liquid?	Other?	
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Alcohol Foam?	CO ₂ ?	Dry Chemical?							
Vaporizing Liquid?	Other?								
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: 13 Specific Gravity (H2O) = 1: 1.11 % Volatile: > 75 Vapor Density (Air = 1): > 1 Odor Threshold: N. Av. Evaporation Rate (Butyl Acetate = 1): N. Av. Oil/Water Distribution Coefficient: N. Av. Solubility in Water: Complete Vapor Pressure (MM HG): N. Av. Melting Point: N. Ap.												
SECTION X - STABILITY AND REACTIVITY Stability: Unstable: Stable: X Conditions to Avoid: N. Av. 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 (rat, oral)</th></tr></thead><tbody><tr><td>A</td><td>2 mg/M³</td><td>2 mg/M³</td><td>N. Av.</td><td>140-340 mg/kg (rat, oral)</td><td>N. Av.</td></tr></tbody></table> Teratogen, Mutagen, Reproductive Toxin Status: No known relevance to humans. Toxicologically Synergistic Products: N. Av.	Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50 (rat, oral)	A	2 mg/M ³	2 mg/M ³	N. Av.	140-340 mg/kg (rat, oral)	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 sewer, 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. (containing 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: 8-18-2009												
SECTION XVI - REGULATORY INFORMATION US Federal Regulations TSCA Status: All ingredients listed. CERCLA Reportable Quality: Sodium Hydroxide 1,000 lbs as % of mixture SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: Immediate health, chronic health. Section 313 Toxic Chemicals:												
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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