



Vehicle Care Products



CONQUEST

A white powdered heavy duty alkaline detergent designed to be used with Jolt as a touchless presoak. Conquest is primarily for frictionless cleaning in one or two step touchless automatics. Exceptionally soluble in water. Can be used in friction conveyors as a wet end tire cleaner through CTA's, as a heavy duty prep gun soap, and as a high pressure wheel cleaner.

FEATURES & BENEFITS

- **Penetrates and Lifts Road Grime**
- **Excellent on Heavy Clay and Dust Particulate Road Soils**
- **Moderate Foaming**
- **Very Effective on Windshield Wiper Track Removal**
- **Safe on Coated Wheels**
- **Readily Dissolvable in Water**
- **Environmentally Safe**
- **Biodegradable**

MIXING INSTRUCTIONS

Procedure for Mixing: To make 50-55 gallons of a touchless presoak requires one 40# box of Conquest and one gallon of Jolt booster. First add 50 gallons of cold or preferably warm water to mixing tank, turn on agitator and add 40#'s of Conquest slowly to the mixing tank to avoid clumping. Mix for 10 minutes to insure all the powder has been dissolved. Last of all, add one gallon of Jolt to tank and mix for an additional 2-5 minutes. Please note that during difficult cleaning conditions, such as after a heavy rain or when there is heavy or oily road film, you can add an additional gallon of Jolt for added cleaning effectiveness.

Hydrominder Dilution: Insert white tip to obtain a dilution of approximately 1:23 for normal cleaning requirements. For occasional difficult road film periods, increase draw to 1:17 (red tip).

Titration Procedure: Because of the variations in output of hydrominder dilution tips, it is essential to verify actual dilutions by titration using the alkalinity titration test procedure.

DILUTION RATIOS

Product Use	Recommended Application	Ounces per Gallon
Detail Guns	1:17 - 1:64 of concentrate	2-8 oz.
Touchless Presoak	1:17 - 1:23 of concentrate	4.5-8 oz.
CTA's	1:5 - 1:8 of concentrate	16-26 oz.
Wheel Cleaning	1:8 - 1:17 of concentrate	7.5-16 oz.

NOTE: See reverse side for MSDS information and General Cautions for Use

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION Identity (As Used on Label and List): Extreme Conquest Product Class: Powdered Detergent 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><th>%</th></tr></thead><tbody><tr><td>A</td><td>Sodium Metasilicate Pentahydrate CAS #9004-82-4</td><td></td></tr><tr><td>B</td><td>Sodium Hydroxide CAS #1310-29-4</td><td></td></tr></tbody></table>	Chemical	Common Name(s)	%	A	Sodium Metasilicate Pentahydrate CAS #9004-82-4		B	Sodium Hydroxide CAS #1310-29-4				
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SECTION III - HAZARDS IDENTIFICATION Emergency Overview Appearance and Odor: White powder, mild aroma. Primary Hazards: Corrosive Potential Health Hazards Route(s) of Entry: Skin Absorption: Ingestion: X Inhalation: X Eye: May cause chemical burns on contact Skin: May cause chemical burns Ingestion: Harmful if swallowed. Inhalation: No hazardous vapors. Signs and Symptoms of Exposure: Cause's irritation and possible damage to eyes and skin on direct contact. Symptoms may be delayed. Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No Target Organ (s): No additional data Medical Conditions Generally Aggravated by Exposure: Dermatitis Health Hazards, Chronic: No effects expected.												
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. If irritation persists, 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"><thead><tr><th>Water?</th><th>Foam?</th><th>Water Fog?</th></tr></thead><tbody><tr><td></td><td></td><td></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></tbody></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: Contain spill. Collect spill with broom and shovel 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): Not required Other: Not required Protective Gloves: Not required Eye Protection: Not required Footwear: Not required Other Protective Clothing or Equipment: Not required Work/Hygienic Practices: No special procedures												

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS Boiling Point: N. Ap. pH: N. Ap. Specific Gravity (H₂O) = 1: N. Ap. % Volatile: N. Ap. Vapor Density (Air = 1): N. Av. 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. 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>2mg/m3</td><td>2mg/m3</td><td>N. Ap.</td><td>800 mg/kg</td><td>N. Av.</td></tr><tr><td>B</td><td>2mg/m3</td><td>2mg/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 Toxicologically Synergistic Products: N. Av.	Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50	A	2mg/m3	2mg/m3	N. Ap.	800 mg/kg	N. Av.	B	2mg/m3	2mg/m3	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 sewerred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations. RCRA Hazard Class: None																		
SECTION XIV - TRANSPORT INFORMATION Shipping Classification: Corrosive solid, basic, inorganic, n.o.s. (sodium hydroxide),8 UN Number: UN 3252 Packing Group: II																		
SECTION XV - PREPARATION DATA Prepared By: Safety and Health Department Telephone Number: 763-509-7937 Date: 5-30-2008																		
SECTION XVI - REGULATORY INFORMATION US Federal Regulations TSCA Status: All ingredients listed. CERCLA Reportable Quality: None SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: None Section 313 Toxic Chemicals: None																		
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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