



Vehicle Care Products



# CONQUEST/JOLT

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 CTAs, 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. Finally, 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.
CTAs	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

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# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

<b>SECTION I - CHEMICAL PRODUCT &amp; COMPANY IDENTIFICATION</b>	
Identity (As Used on Label and List): <b>Extreme Conquest</b>	
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	
<b>SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS</b>	
Hazardous Components (Specific Chemical Identity):	
Chemical	Common Name(s) %
A	Sodium Metasilicate Pentahydrate CAS #9004-82-4
B	Sodium Hydroxide CAS #1310-29-4
<b>SECTION III - HAZARDS IDENTIFICATION</b>	
<b>Emergency Overview</b>	
Appearance and Odor: White powder, mild aroma.	
Primary Hazards: Corrosive	
<b>Potential Health Hazards</b>	
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.
<b>SECTION IV - FIRST AID MEASURES</b>	
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. <b>Eye Contact:</b> Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. <b>Skin Contact:</b> 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.	
<b>SECTION V - FIRE FIGHTING MEASURES</b>	
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 <sub>2</sub> ?    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
<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>	
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.	
<b>SECTION VII - HANDLING AND STORAGE</b>	
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.	
<b>SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
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

<b>SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS</b>					
Boiling Point:	N. Ap.	pH:	N. Ap.		
Specific Gravity (H <sub>2</sub> O) = 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.				
<b>SECTION X - STABILITY AND REACTIVITY</b>					
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.				
<b>SECTION XI - TOXICOLOGICAL INFORMATION</b>					
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.
Teratogen, Mutagen, Reproductive Toxin Status: No					
Toxicologically Synergistic Products: N. Av.					
<b>SECTION XII - ECOLOGICAL INFORMATION</b>					
Ecotoxicological Information: N. Av.					
Chemical Fate Information: N. Av.					
<b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>					
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: None					
<b>SECTION XIV - TRANSPORT INFORMATION</b>					
Shipping Classification: Corrosive solid, basic, inorganic, n.o.s. (sodium hydroxide),8					
UN Number: UN 3252					
Packing Group: II					
<b>SECTION XV - PREPARATION DATA</b>					
Prepared By: Safety and Health Department					
Telephone Number: 763-509-7937					
Date: 5-30-2008					
<b>SECTION XVI - REGULATORY INFORMATION</b>					
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					
<b>SECTION XVII - OTHER INFORMATION</b>					
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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