



Vehicle Care Products



# INNOVATION

Our newest high pH presoak technology, Innovation is a concentrated alkaline detergent, step two touchless presoak. Can be used as a step one in a touch free conveyor program. Innovation can be used as a wheel cleaner for both touchless and friction automatics and conveyors. Innovation uses the latest cleaning technologies that leaves cars with cleaner and shinier glass , paint, and wheels.

## FEATURES & BENEFITS

- **Penetrates and emulsifies road grime**
- **Removes eyebrows from windshield**
- **Ideal for new high pressure on-line tire & wheel cleaners**
- **Cleans metallic and coated wheels, white walls, raised letters and black tires**
- **Brightens chrome, paint and glass**
- **Foams well in hot or cold water**
- **Exceptional hard water tolerance**
- **Phosphate free**

## APPLICATION

Innovation should be applied through the presoak arch . It is recommended that Innovation be used in conjunction with Vision step one presoak.

### Product Use

For Touchless Automatics:

For CTA's :

For Wheel Washers:

### Recommended Dilution

1:32– to 1:64 or 2-4 oz. per gallon of water

1:10 – 1:20

1:23 – 1:36

Please note that dilution ratios may need to be adjusted based upon cleaning conditions.

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

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

<b>SECTION I - CHEMICAL PRODUCT &amp; COMPANY IDENTIFICATION</b>		
<b>Identity (As Used on Label and List):</b> Innovation (EXT431)		
<b>Product Class:</b> Water-based degreaser		
<b>Emergency Telephone Number:</b> 800-535-5053 (INFOTRAC)		
<b>Telephone Number for Information:</b> 763-509-7937		
<b>Manufacturers Name and Address:</b> Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373		
<b>SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS</b>		
<b>Hazardous Components (Specific Chemical Identity):</b>		
<b>Chemical</b>	<b>Common Name(s)</b>	
A	Sodium Hydroxide CAS #1310-58-3	
<b>SECTION III - HAZARDS IDENTIFICATION</b>		
<b>Emergency Overview</b>		
<b>Appearance and Odor:</b> Clear liquid, slight aroma.		
<b>Primary Hazards:</b> Corrosive		
<b>Potential Health Hazards</b>		
<b>Route(s) of Entry:</b>	<b>Skin Absorption:</b> X <b>Ingestion:</b> X <b>Inhalation:</b> X	
<b>Eye:</b> May cause chemical burns on contact.		
<b>Skin:</b> May cause chemical burns on contact.		
<b>Ingestion:</b> May be harmful if swallowed.		
<b>Inhalation:</b> No hazardous vapors.		
<b>Signs and Symptoms of Exposure:</b> Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.		
<b>Carcinogenicity:</b> NTP? No IARC Monographs? No		
<b>OSHA Regulated?</b> No		
<b>Target Organ (s):</b> Eyes, skin and mucous membranes.		
<b>Medical Conditions Generally Aggravated by Exposure:</b> N. Av.		
<b>Health Hazards, Chronic:</b> N. Av.		
<b>SECTION IV - FIRST AID MEASURES</b>		
<b>Emergency and First Aid Procedures:</b>		
<b>For Eye Contact:</b> 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. <b>If Swallowed:</b> 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. <b>For Skin Contact:</b> Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse.		
<b>Sources Used:</b> Raw material data, general toxicology from the trade for similar products.		
<b>SECTION V - FIRE FIGHTING MEASURES</b>		
<b>Flammability:</b> No	<b>Autoignition Temperature:</b> N. Ap.	
<b>Flash Point (method used):</b> None		
<b>Flammable Limits:</b> N. Ap.	LEL UEL	
<b>Extinguishing Media:</b> N. Ap.		
<b>Water?</b>	<b>Foam?</b>	<b>Water Fog?</b>
<b>Alcohol Foam?</b>	<b>CO<sub>2</sub>?</b>	<b>Dry Chemical?</b>
<b>Vaporizing Liquid?</b>	<b>Other?</b>	
<b>Special Fire Fighting Procedures:</b> N. Ap.		
<b>Unusual Fire and Explosion Hazards:</b> N. Ap.		
<b>TDG Flammability Classification:</b> Non-flammable		
<b>Sensitivity to Mechanical Impact:</b> None		
<b>Sensitivity to Static Discharge:</b> None		
<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>		
<b>Steps to be taken in Case Material is Released or Spilled:</b>		
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.		
<b>SECTION VII - HANDLING AND STORAGE</b>		
<b>Precautions to be taken in Handling and Storing:</b>		
Normal care in handling and storage.		
<b>Other Precautions:</b> Keep out of reach of children. Keep from freezing.		
<b>SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION</b>		
<b>Respiratory Protection (Specify Types):</b> Not required		
<b>Ventilation:</b> <b>Local Exhaust:</b> Not required <b>Special:</b> Not required		
<b>Mechanical (General):</b> As required to keep vapor levels below TLV & PEL, listed in Section XI. <b>Other:</b> Not required		

<b>Protective Gloves:</b> Natural rubber or synthetic.					
<b>Eye Protection:</b> Approved safety goggles or shield. <b>Footwear:</b> Rubber footwear.					
<b>Other Protective Clothing or Equipment:</b> Not required					
<b>Work/Hygienic Practices:</b> Do not contaminate food or beverages with cleaning chemicals.					
<b>SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS</b>					
<b>Boiling Point:</b> Approximately 212°F (100°C)	<b>pH:</b> 13 - 14				
<b>Specific Gravity (H<sub>2</sub>O) = 1:</b> 1.06	<b>% Volatile:</b>				
<b>Vapor Density (Air = 1):</b> N. Av.	<b>Odor Threshold:</b> N. Av.				
<b>Evaporation Rate (Butyl Acetate = 1):</b> N. Av.	<b>Oil/Water Distribution</b>				
<b>Solubility in Water:</b> Complete	<b>Coefficient:</b> N. Av.				
<b>Vapor Pressure (MM HG):</b> N. Av.					
<b>Melting Point:</b> N. Ap.					
<b>SECTION X - STABILITY AND REACTIVITY</b>					
<b>Stability:</b> <b>Unstable:</b> <b>Stable:</b> X					
<b>Conditions to Avoid:</b> N. Ap.					
<b>Incompatibility (materials to avoid):</b> N. Av.					
<b>Hazardous Decomposition or By-products:</b> N. Av.					
<b>Hazardous Polymerization:</b> <b>May occur:</b> <b>Will not occur:</b> X					
<b>Conditions to Avoid:</b> N. Ap.					
<b>SECTION XI - TOXICOLOGICAL INFORMATION</b>					
<b>Chemical</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Recom.</b>	<b>LD50</b>	<b>LC50</b>
A	C2 mg/ M <sub>3</sub>	C2 mg/M <sub>3</sub>	N. Av.	140-340 mg/kg (rat, oral)	N. Av.
<b>Teratogen, Mutagen, Reproductive Toxin Status:</b> No					
<b>Toxicologically Synergistic Products:</b> N. Av.					
<b>SECTION XII - ECOLOGICAL INFORMATION</b>					
<b>Ecotoxicological Information:</b> N. Av.					
<b>Chemical Fate Information:</b> N. Av.					
<b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>					
<b>Waste Disposal Method:</b>					
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.					
<b>RCRA Hazard Class:</b> D002, characteristic corrosive.					
<b>SECTION XIV - TRANSPORT INFORMATION</b>					
<b>Shipping Classification:</b> Corrosive liquid, basic inorganic, N.O.S.( sodium hydroxide), class 8					
<b>UN Number:</b> 3266					
<b>Packing Group:</b> II					
<b>SECTION XV - PREPARATION DATA</b>					
<b>Prepared By:</b> Health and Safety Department					
<b>Telephone Number:</b> 763-509-7937					
<b>Date:</b> 8-5-2010					
<b>SECTION XVI - REGULATORY INFORMATION</b>					
<b>US Federal Regulations</b>					
<b>TSCA Status:</b> All ingredients listed.					
<b>CERCLA Reportable Quality:</b> N. Av.					
<b>SARA Title III</b>					
<b>Section 302 Extremely Hazardous Chemicals:</b> None					
<b>Section 311/312 Hazard Category:</b> Immediate health, chronic health					
<b>Section 313 Toxic Chemicals:</b> 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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