



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 leaving cars with cleaner and shinier glass, paint and wheels.

## FEATURES & BENEFITS

- **Penetrates and emulsifies road grime**
- **Removes eyebrows from windshield**
- **Ideal for 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 CTAs :

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

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

Visit our website at [www.ver-techlabs.com](http://www.ver-techlabs.com)

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

## SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Identity (As Used on Label and List):** Innovation (EXT431)

**Product Class:** Water-based degreaser

**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	Sodium Hydroxide CAS #1310-58-3
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## 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. Av.

**Flash Point (method used):** None

**Flammable Limits:** N. Av. LEL UEL

**Extinguishing Media:** N. Av.

Water?	Foam?	Water Fog?
Alcohol Foam?	CO <sub>2</sub> ?	Dry Chemical?
Vaporizing Liquid?	Other?	

**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

## 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

**Protective Gloves:** Natural rubber or synthetic.

**Eye Protection:** Approved safety goggles or shield. **Footwear:** Rubber footwear.

**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<sub>2</sub>O) = 1:** 1.06

**Vapor Density (Air = 1):** N. Av.

**Evaporation Rate (Butyl Acetate = 1):** N. Av.

**Solubility in Water:** Complete

**Vapor Pressure (MM HG):** N. Av.

**Melting Point:** N. Av.

**% Volatile:**

**Odor Threshold:** N. Av.

**Oil/Water Distribution**

**Coefficient:** N. Av.

## 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. Av.

## SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	C2 mg/ M <sub>3</sub>	C2 mg/M <sub>3</sub>	N. Av.	140-340 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 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.( 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:** 8-5-2010

## 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. Av. - Not Applicable; N.Av. - Not Available

## NFPA SYSTEM

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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