



Vehicle Care Products



VISION

Our newest low pH presoak technology, **Vision** is a non-corrosive, low pH step one detergent presoak for two step cleaning in touchless automatics and conveyors. **Vision** is a high performing replacement for the corrosive and poisonous HF based step one acid presoaks and will substantially outperform all other non-HF presoaks. **Vision** is an extremely versatile product that can be used as a safe and effective wall cleaner, debugger, wheel cleaner and carpet cleaner.

FEATURES & BENEFITS

- **Non-Regulated per D.O.T.**
- **Contains no Hydrofluoric Acid, Bifluorides, or Fluorides**
- **Can be used in touchless conveyors & touchless in-bay automatics**
- **Removes road film build up on windshields “eyebrows” and paint haze**
- **Cleans and brightens metal, glass and paint**
- **Biodegradable and environmentally safe**
- **Truck wash applicable for aluminum and polished aluminum tankers**

APPLICATION

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

DILUTION RATIOS

Product Use	Recommended Application
Touchless Presoak	1:64 to 1:128 or 1-2 oz. per gallon of water
Wall Cleaner	1:1 or undiluted. Spray or foam on wall, soak 10-20 minutes, rinse
Wheel Cleaner	1:5 Spray or foam on wheel through on-line wheel applicator
Debugger	1:15 to 1:24

Dilution ratios may vary based upon conditions

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

Visit our website at 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): Vision (EXT430)

Product Class: Water-based Cleaner

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):

Chemical Common Name(s)

A

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Clear liquid, mild aroma.

Primary Hazards: Irritation

Potential Health Hazards

Route(s) of Entry: **Skin Absorption:** X **Ingestion:** X **Inhalation:** X

Eye: Cause Irritation on contact.

Skin: Causes irritation on contact.

Ingestion: Harmful if swallowed.

Inhalation: No hazardous vapors.

Signs and Symptoms of Exposure: Eye Contact: burning, tearing and redness. Skin Contact: Possible redness, swelling and irritation. 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. **If Swallowed:** Do not induce vomiting. Drink two glasses of water, 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. Ap.

Flash Point (method used): None

Flammable Limits: N. Ap. LEL UEL

Extinguishing Media: N. Ap.

Water?	Foam?	Water Fog?
Alcohol Foam?	CO ₂ ?	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

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:** < 4

Specific Gravity (H₂O) = 1: 1.01

% Volatile: 60 - 100

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

Odor Threshold: N. Av.

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

Oil/Water Distribution

Solubility in Water: Complete

Coefficient: N. Av.

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

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
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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: N. Ap.

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Compound Cleaning liquid

UN Number:

Packing Group:

SECTION XV - PREPARATION DATA

Prepared By: Health and Safety 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: N. Av.

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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