



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

FEATURES & BENEFITS

- **Non-Regulated per D.O.T.**
- **Contains no Hydrofluoric Acid, Bifluorides, or Fluorides**
- **Non-Corrosive**
- **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**
- **Easy rinsing**
- **Biodegradable and environmentally safe**
- **Phosphate free**
- **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	1:48 to 1:128 or 1-3 oz. per gallon of water
Wall Cleaner	1:10 Spray on wall and rinse
Wheel Cleaner	1:5 Foam on tire and rinse.

Dilution ratios may vary based upon conditions.

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 Vision		
Product Class: Water-based Cleaner		
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	Phosphonic Acid CAS #2809-21-4	
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?	CO2?	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 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					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	None	None	N. Av.	N. Av.	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 sewerred, 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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