



Vehicle Care Products



# PRESOAK PRO I

This highly versatile low pH detergent can be used as a low pressure presoak, low pressure detergent, or as the first step in a two step low pH/high pH wash process. This product loosens road film and heavy residue soils often not removable by ordinary spray cleaning. Our best selling liquid presoak for conveyors!

## FEATURES & BENEFITS

- Fast acting on all soils to minimize time and labor costs
- Removes heavy road film, soot, and oil to increase effectiveness of the cleaning process
- High foaming
- Ideal for cleaning windows and brightening chrome
- Use in tunnels or in-bay automatics
- Fully biodegradable

## APPLICATION

Heavy soiled surfaces should be pre-cleaned before using this product. When diluting, add product to water slowly. Add product to water to make 1-5% solution depending upon amount of cleaning necessary. Rinse well, do not combine this product with any alkaline products.

## DILUTION RATIOS

<u>Product Use</u>	<u>Recommended Application</u>	<u>Ounces per Vehicle</u>
Presoak	60:1 to 150:1	.75 to 1.5
Foamers	125:1 to 250:1	.75 to 2.0

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):** Presoak Pro I (EXT110)  
**Product Class:** Low pH Car Wash Presoak  
**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	Aliphatic Hydrocarbon CAS #64742-47-8
B	2-butoxy ethanol CAS #111-76-2
C	Hydrofluoric acid (HF) CAS #7664-39-3

## SECTION III - HAZARDS IDENTIFICATION

### Emergency Overview

**Appearance and Odor:** Amber liquid, mild aroma.

**Primary Hazards:** Corrosive Toxic

### Potential Health Hazards

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

**Eye:** Causes severe chemical burns if contact occurs.

**Skin:** Causes severe chemical burns if contact occurs.

**Ingestion:** Harmful or fatal if swallowed.

**Inhalation:** Overexposure to vapors harmful.

**Signs and Symptoms of Exposure:** Irritation and/or burning sensation on contact can be delayed up to 24 hours. Vapors may cause central nervous system effects

**Carcinogenicity:** NTP? No IARC Monographs? No

**OSHA Regulated?** No

**Target Organ (s):** liver kidneys lymphoid system skin blood eyes and respiratory system

**Medical Conditions Generally Aggravated by Exposure:** N. Av.

**Health Hazards, Chronic:** Fluoride poisoning.

## SECTION IV - FIRST AID MEASURES

### Emergency and First Aid Procedures: Treat for Fluoride Poisoning.

**If Swallowed:** Do not induce vomiting. Rinse mouth and drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person. **Eye Contact:** Flush eyes with running water for at least 15 minutes. Obtain immediate medical attention. **Skin Contact:** Flush thoroughly with cool water. Remove contaminated clothing and apply calcium gluconate gel. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed.

**Sources Used:** Raw material data, general toxicology from the trade for similar products,

## SECTION V - FIRE FIGHTING MEASURES

**Flammability:** N. Av. **Autoignition Temperature:** N. Av.

**Flash Point (method used):** N. Av.

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

**Extinguishing Media:**

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

**Special Fire Fighting Procedures:** High heat will release acidic vapors.

**Unusual Fire and Explosion Hazards:** N. Av.

**TDG Flammability Classification:** N. Av.

**Sensitivity to Mechanical Impact:** None

**Sensitivity to Static Discharge:** t.

## 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. Do not store near heat or open flame.

**Other Precautions:** Keep out of reach of children. Do not breathe spray mist.

## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Respiratory Protection (Specify Types):

**Ventilation:** Local Exhaust: Not required **Special:** Not required

**Mechanical (General):** Provide ventilation adequate to disperse cleaner vapors and or mists. **Other:** Not required

**Protective Gloves:** Synthetic.

**Eye Protection:** Approved safety goggles or glasses. **Footwear:** Chemical resistant

**Other Protective Clothing or Equipment:** Chemical resistant

**Work/Hygienic Practices:** Do not contaminate food or beverages with chemicals.

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** Approximately 212°F **pH:** 1 - 2  
**Specific Gravity (H<sub>2</sub>O) = 1:** 1 - 1.01 **% Volatile:**  
**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 **Melting Point:** N. Av.  
**Vapor Pressure (MM HG):** N. Av.

## SECTION X - STABILITY AND REACTIVITY

**Stability:** Unstable: Stable: X  
**Conditions to Avoid:** Mix only with water  
**Incompatibility (materials to avoid):** Metals, Alkaline materials  
**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	N. Av.	N. Av.	N. Av.	.N. AV.	N. AV.
B	25 ppm skin	25 ppm skin	N. Av.	1.48 mg/kg (rat, oral)	N. Av.
C	3 ppm	3ppm	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.

**RCRA Hazard Class:** D002 Corrosive

## SECTION XIV - TRANSPORT INFORMATION

**Shipping Classification:** Corrosive liquid, toxic, n.o.s., (Hydrofluoric Acid), 8, (6.1)

**UN Number:** 2922

**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:** Hydrogen fluoride

**Section 311/312 Hazard Category:** Immediate health hazard

**Section 313 Toxic Chemicals:** Hydrogen Fluoride, 2 butoxy ethanol (Glycol ether)

## SECTION XVII - OTHER INFORMATION

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

## NFPA SYSTEM

3 A. Health Hazard 1 A. Fire Hazard 0 A. Reactivity Hazard

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