



Vehicle Care Products



PRESOAK PRO II

This highly versatile low pH detergent can be used as a low pressure presoak, high or 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 frictionless in-bay automatics.

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
- Designed for use in in-bay automatics with high pressure equipment
- 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 II (EXT115)
Product Class: Low pH Car Wash Presoak
Emergency Telephone Number: 800-535-5053 (INFO TRAC)
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 ₂ ? 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): Not normally required.

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 (H2O) = 1: 1 - 1.04	% 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. Ap.
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. Ap.

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

NFPA SYSTEM

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

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