



Vehicle Care Products



PRO 9

Pro 9 is a highly versatile low pH detergent that 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.

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**

APPLICATION

Pro 9 should be applied through the presoak arch. It is recommended that **Pro 9** be used in conjunction with **White Knight**.

*****CONSULT A TRAINED SALES REPRESENTATIVE FOR OTHER USES*****

DILUTION RATIOS

<u>Product Use</u>	<u>Recommended Application</u>	<u>Ounces per Vehicle</u>
Touchless Presoak	1:80 to 1:150	.75 to 1.5 oz. per car
Wheel Cleaner	1:20 to 1:40 (spray on wheel through on-line wheel applicator)	

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

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MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Pro 9 (EXT117)
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 CO₂? 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 - 1.1 **% Volatile:**
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: 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: 2992
Packing Group: II

SECTION XV - PREPARATION DATA

Prepared By: Health and Safety Department
Telephone Number: 763-509-7937
Date: 10-15-2008

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: 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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