



Vehicle Care Products



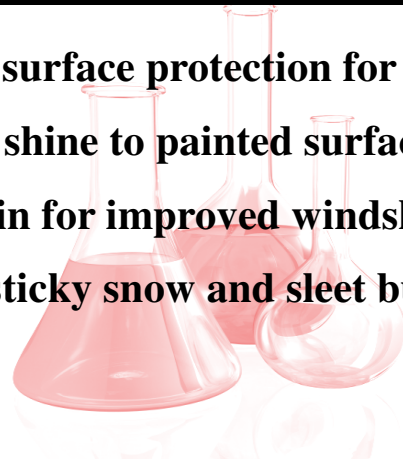
REPEL ASP

ALL SURFACE PROTECTANT

Repel ASP is a paint, glass and trim—total surface protectant for on-line car wash treatments. This product can be used as a premium wash package upgrade for conveyors, automatics and self serve washes. **Repel ASP** provides a polymer system that bonds to the vehicle surfaces providing extended shine, protection and water repellency. We also have added optical brighteners for the extra glistening effect!

FEATURES & BENEFITS

- **Excellent surface protection for paint, glass and trim**
- **Increases shine to painted surfaces**
- **Repels rain for improved windshield visibility**
- **Reduces sticky snow and sleet build up on windshields**



APPLICATION

Suggested dilution is 1/4 to 1/2 oz./gal (1:256 to 1:512) or a titration of 4-8. Works best with fresh water or reverse osmosis water (preferred) setting. Rinse to accelerate water beading and reduce spotting. For better customer show dilute at 1 ounce per gallon.

Please note that dilution ratios may need to be adjusted based upon various conditions.

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

VISIT OUR WEBSITE AT WWW.VTLVEHICLECARE.COM

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Repel ASP (EXT422)

Product Class: Drying Agent

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	2-butoxy ethanol CAS #111-76-2
B	Mineral Seal Oil CAS #64742-46-7

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Amber liquid, lemon lime odor.

Primary Hazards: Irritant

Potential Health Hazards

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

Eye: May cause Irritation

Skin: May cause Irritation

Ingestion: May be harmful if swallowed.

Inhalation: Overexposure to 2-Butoxy ethanol (butyl) / Mineral Seal Oil vapors may cause central nervous system effects including drowsiness, headaches, nausea and dizziness.

Signs and Symptoms of Exposure: Irritation on direct contact.

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: Overexposure to 2-Butoxy ethanol (butyl) / Mineral Seal Oil may cause damage to one or more of the target organs listed above.

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:

If Swallowed: Do not induce vomiting. 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. If irritation persists, obtain medical attention. **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: N. Av. **Autoignition Temperature:** N. Av.

Flash Point (method used): None

Flammable Limits: N. Av. LEL UEL

Extinguishing Media: N. Av.

Water?	Foam?	Water Fog?
Alcohol Foam?	CO ₂ ?	Dry Chemical?
Vaporizing Liquid?	Other?	

Special Fire Fighting Procedures: N. Av.

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): Ventilate to keep vapor levels below PEL and TLV, listed in Section XI.

Other: Not

required

Protective Gloves: Natural rubber or synthetic.

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

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 **pH:** 7-10

Specific Gravity (H₂O) = 1: .9-1.

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

Odor Threshold: N. Av.

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

Oil/Water Distribution

Solubility in Water: Dispersible

Coefficient: N. Av.

Vapor Pressure (MM HG): N. Av.

Melting Point: N. Av.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X

Conditions to Avoid: N. Av.

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. Av.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	25 ppm (skin)	25 ppm (skin)	25 ppm	1.48 g/kg (rat, oral)	N. Av.
B	5mg/m ³ .	N. Av.	N. Av.	5000 mg/kg (rat,oral)	N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: No known relevance to humans.

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 sewered, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.

RCRA Hazard Class:

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Cleaning Compound, n.o.s.

UN Number: N. Av.

Packing Group: N. Av.

SECTION XV - PREPARATION DATA

Prepared By: Health and Safety Department

Telephone Number: 763-509-7937

Date: 7-11-2011

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: Immediate health, chronic health.

Section 313 Toxic Chemicals: 2-butoxy ethanol (glycol ether),

SECTION XVII - OTHER INFORMATION

None

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

NFPA SYSTEM

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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