

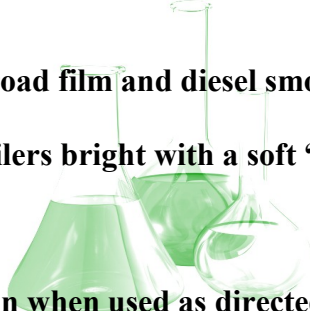


SUPER ALUMALITE 20%

Super Alumatite 20% is designed to remove dulling oxides from aluminum trailers, leaving the surface bright and clean. It is ideally suited for a two-step washing process with trucks and trailers.

FEATURES & BENEFITS

- Removes deposits of road film and diesel smoke without brushing
- Leaves aluminum trailers bright with a soft “satin” finish
- Works in seconds
- Will not streak or stain when used as directed



DIRECTIONS

Specifically designed for cleaning both over-the-road and delivery trailers.
Super Alumatite 20% is a concentrate and MUST be diluted before use.

One volume of **Super Alumatite 20%** may be diluted 1:10 to 1:150 in water. An initial cleaning of very badly oxidized trailers with **Super Alumatite 20%** diluted 1:10 to 1:20 in water is recommended, followed by regular cleaning at 1:75 to 1:150 in water or occasional cleaning at 1:20 to 1:40 in water.

Apply the diluted **Super Alumatite 20%** to the surface of the trailer with a brush or by spraying, working from the bottom upward. It is important to apply the **Super Alumatite 20%** solution from the bottom upwards to avoid streaking.

If a brush is used to apply the **Super Alumatite 20%**, about one-third of the side of a trailer should be covered and the area rinsed before continuing onto the next portion. This is necessary to prevent the brightener from drying on the surface of the trailer and making rinsing difficult.

If application of **Super Alumatite 20%** is made by spraying, the entire side of the trailer can be sprayed and the rinsing operation begun 15 seconds after application of the brightener is completed. Application by spraying is highly recommended, since the time required for cleaning and brightening is cut one-fourth that is required by brushing.

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

Visit our website at www.ver-techlabs.com

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Super Alumalite 20% (SUP120)

Product Class: Low pH 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	Hydrofluoric acid (HF) CAS #7664-39-3
B	Sulfuric acid CAS #7664-93-9
C	Nonylphenol ethoxylates CAS #9016-45-9
D	Water CAS #7732-18-5

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.

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? No

Target Organ (s):

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: N. Av.

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): Required if above PEL (HF).

Ventilation: Local Exhaust: Required Special: 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 Full Coverage

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 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	3 ppm	3 ppm	N. Av.	.N. AV.	N. AV.
B	1 mg/m3	1 mg/m3	N. Av.	2,140 mg/kg (rat, oral)	30 mg/m3 (rat, 8 hr.)
C	N. Ap.	N. Ap.	N. Ap.	2,100 mg/k (rat, oral)	> 200 mg/L (rat, 1 hr.)
D	N. Ap.	N. Ap.	N. Ap.	N. Ap.	N. Ap.

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 Sulfic acid),

Classification: 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: 10-11-2007

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

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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