

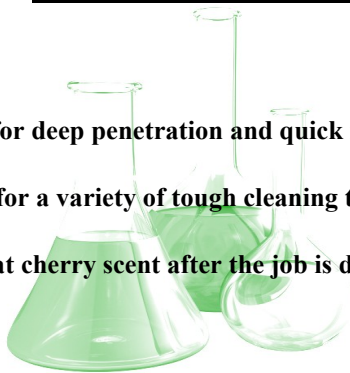


BLUE THUNDER

Versatile multi-purpose cleaner, truck wash and car detail product. **Blue Thunder** dilutes with water to tackle your toughest cleaning jobs. Great for whitewalls, vinyl upholstery, wheel wells, under the hood, door jambs and chrome. Removes yellowing from truck trailers that have been acid washed multiple times.

FEATURES & BENEFITS

- **FAST ACTING**
Formulated for deep penetration and quick removal of hard to clean soils
- **VERSATILE**
Can be used for a variety of tough cleaning tasks
- **PLEASANT SCENT**
Leaves a great cherry scent after the job is done



DIRECTIONS

Blue Thunder can be used straight from the container or diluted

Whitewall Tires: Use undiluted. Spray on, brush in, rinse off.

Vinyl Upholstery: Dilute with four parts water. Spray on, brush in, wipe clean.

Floor Cleaning: Undiluted or dilute with up to two parts water.

Carpet Spot Treatment: Undiluted or dilute with up to two parts water.

Chrome Cleaning: Dilute with one to ten parts water. Spray or wipe on, rinse.

Motor Degreasing: Undiluted or dilute with one part water. Warm engine, spray on, wait several minutes before rinsing.

Trailer Whitening: Dilute up to 1:25. Apply the diluted **Blue Thunder** to the surface of the trailer with a brush, hand sprayer, or pressure washer, working from the bottom upward. It is important to apply the **Blue Thunder** solution from the bottom upwards to avoid streaking.

If a brush is used to apply **Blue Thunder**, 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 solution from drying on the surface of the trailer and making rinsing difficult.

If application of **Blue Thunder** is made by spraying, the entire side of the trailer can be sprayed and the rinsing operation begun 30 seconds after application of the solution is completed. Application by spraying is highly recommended, since the time required for cleaning and brightening is cut one-fourth that required by brushing. Rinse from top to bottom to avoid streaking.

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): Blue Thunder (EXT315)
Product Class: Water-based cleaner
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	Potassium Hydroxide CAS #1310-58-3
B	2-butoxy ethanol CAS #111-76-2

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Blue liquid, mild odor.

Primary Hazards: Corrosive

Potential Health Hazards

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

Eye: May cause chemical burns on contact.

Skin: May cause chemical burns on contact.

Ingestion: May be harmful if swallowed.

Inhalation: Overexposure to 2-butoxy ethanol may cause damage.

Signs and Symptoms of Exposure: Eye Contact: Possible burning, tearing, redness and corneal damage. Skin Contact: Possible slippery feeling, redness, swelling and burns. Symptoms may be delayed.

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? No

Target Organ (s): Eyes, skin. See health hazards, chronic.

Medical Conditions Generally Aggravated by Exposure: N. Av.

Health Hazards, Chronic: Overexposure to chemical B, Section II may cause damage to liver, kidneys, lymphoid system, skin blood, eyes, and respiratory system.

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. 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: No **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): Dust/mist respirator is recommended when spraying product.

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

Mechanical (General): Normal good ventilation sufficient. **Other:** Not required

Protective Gloves: Natural rubber or synthetic.

Eye Protection: Approved safety goggles or glasses. **Footwear:** Not required

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:** > 13
Specific Gravity (H₂O) = 1: 1.078 **% Volatile:** 60 - 100
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
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	C2 mg/M3	C2 mg/M3	N. Av.	205 mg/kg (rat, oral)	N. Av.
B	25 ppm	25 ppm	N. Av.	140-340 gm/kg (rat)	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. Waste from normal cleaning procedures may be sewer, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.

RCRA Hazard Class: D002, characteristic corrosive.

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Corrosive liquid, basic inorganic, N.O.S. (potassium hydroxide), Class 8

UN Number: 3266

Packing Group: II

SECTION XV - PREPARATION DATA

Prepared By: Health and Safety Department

Telephone Number: 763-509-7937

Date: 4-15-2009

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 hazard

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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