

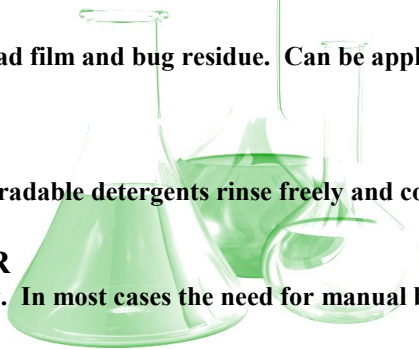


STORM

Storm is a high foaming, non-streaking and free rinsing tractor wash detergent. Removes exhaust deposits, road film and bug residue from painted vehicle surfaces.

FEATURES & BENEFITS

- **VERSATILE**
Removes soot, road film and bug residue. Can be applied with high or low pressure, in hot or cold water
- **FREE RINSING**
Synthetic, biodegradable detergents rinse freely and completely to help eliminate streaking
- **SAVES TIME & LABOR**
Cleans effectively. In most cases the need for manual brushing is reduced



DIRECTIONS

BRUSHLESS WASH

Dilution Rate: Mix 1 part **Storm** with 25 parts water for removal of heavy soil or road film without brushing. Mix 1 part **Storm** with up to 100 parts water for light cleaning or to use with brushing. Dilution levels will vary with soil level.

Temperature: **Storm** will remove soil at all temperatures. **However higher temperatures will greatly improve performance.**

Pressure: Apply **Storm** to trucks with high or low pressure. **High pressure will enhance product performance.**

For Best Results: Apply at high temperatures (140° - 160°F) and high pressure (above 600 psi), to a dry surface. Always rinse with high-pressure water.

1. Apply dilutions to surface to be cleaned, working from bottom to top to avoid streaking. **Storm** may be applied to as large a surface area as desired, being careful not to allow **Storm** to dry on surface.
2. Rinse thoroughly with high-pressure water, working from top to bottom.
3. Hold pressure nozzle 12" from vehicle surface.

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): Storm (STO100)
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 | Sodium Metasilicate CAS #9004-82-4 |
| B | Tetrasodium EDTA CAS #64-02-8 |
| C | Surfactant Proprietary blend |
| D | 2-butoxy ethanol CAS #111-76-2 |
| E | Sodium Xylene Sulfonate CAS #1300-27-7 |
| F | Water CAS #7732-18-5 |

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Purple liquid, mild odor.

Primary Hazards: Irritant

Potential Health Hazards

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

Eye: May cause irritation or burns on contact.

Skin: May cause irritation or 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 D, 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?

CO₂?

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:** > 12.2

Specific Gravity (H₂O) = 1: 1.07

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: 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. Ap.

SECTION XI - TOXICOLOGICAL INFORMATION

| Chemical | OSHA PEL | ACGIH TLV | Recom. | LD50 | LC50 |
|----------|----------|-----------|--------|----------------------------|--------|
| A | 2 mg/M3 | 2 mg/M3 | N. Av. | 800 mg/kg (rat, oral) | N. Av. |
| B | N. Av. | N. Av. | N. Av. | >2000 mg/kg (rat, oral) | N. Av. |
| C | N. Ap. | N. Ap. | N. Av. | N. Av. | N. Av. |
| D | 25 ppm | 25 ppm | N. Av. | 140-340 gm/kg (rat) | N. Av. |
| E | N. Ap. | N. Ap. | N. Av. | N. Av. | N. Av. |
| F | N. Ap. | N. Ap. | 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. 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: D0002 Characteristic Corrosive

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Corrosive liquid, basic, inorganic, (sodium metasilicate), Class 8

UN Number: UN3266

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: None

Section 311/312 Hazard Category: Immediate health hazard

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

SECTION XVII - OTHER INFORMATION

None

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

NFPA SYSTEM

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

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