



Vehicle Care Products



# BLACK POWDER

**Black Powder** is a powdered detergent designed for both friction and frictionless cleaning. Designed for excellent solubility in pre-blend tanks. Can be used in friction conveyors as a high pressure prep soap and dry end tire cleaner through CTA's. Also suitable for presoak applications in high pressure automatics. It is a heavy duty detergent that will provide exceptional results in difficult cleaning situations. **Black Powder** can be used with pressure washers and all types of spray cleaning equipment.

## FEATURES & BENEFITS

- **Non regulated per D.O.T.**
- **Non-caustic**
- **High foaming**
- **Brightens wheels and paint**
- **Readily dissolvable in water**
- **Environmentally safe and biodegradable**
- **Contains no phosphorous or phosphates**
- **Penetrates and lifts road grime**
- **Safe on aluminum**

## USAGE INSTRUCTIONS

**Add one 50 lb box per 55 gallons of water as a blend tank concentrate. Do not add more than one box per 55 gallons of water.**

<b>Product Use</b>	<b>Recommended Application</b>
Prep Soap Detail Gun	1:100 to 1:500
Touchless Presoak	1:17 to 1:23
Wheel Cleaner	1:8 to 1:32 Dry end CTAs
Tire and Wheel Cleaner	1:4 to 1:8 Low pressure or hand applied

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):** Black Powder (EXT123)  
**Product Class:** Powdered Detergent  
**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 Pentahydrate CAS #9004-82-4
B	Sodium Carbonate CAS #497-19-8

## SECTION III - HAZARDS IDENTIFICATION

**Emergency Overview**  
**Appearance and Odor:** White powder, mild aroma.  
**Primary Hazards:** Irritant

**Potential Health Hazards**  
**Route(s) of Entry:** Skin Absorption: Ingestion: X Inhalation: X  
**Eye:** May cause chemical burns on contact  
**Skin:** May cause chemical burns  
**Ingestion:** Harmful if swallowed.  
**Inhalation:** No hazardous vapors.  
**Signs and Symptoms of Exposure:** Cause's irritation and possible damage to eyes and skin on direct contact. Symptoms may be delayed.  
**Carcinogenicity:** NTP? No IARC Monographs? No  
**OSHA Regulated?** No  
**Target Organ (s):** No additional data  
**Medical Conditions Generally Aggravated by Exposure:** Dermatitis  
**Health Hazards, Chronic:** No effects expected.

## 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:** No **Autoignition Temperature:** N. Ap.  
**Flash Point (method used):** None  
**Flammable Limits:** N. Ap. LEL UEL  
**Extinguishing Media:** N. Ap.  
Water? Foam? Water Fog?  
Alcohol Foam? CO<sub>2</sub>? Dry Chemical?  
Vaporizing Liquid? Other?  
**Special Fire Fighting Procedures:** N. Ap.  
**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:**  
Contain spill. Collect spill with broom and shovel 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):** Do not breath dust  
**Ventilation:** Local Exhaust: Not required **Special:** Not required  
**Mechanical (General):** Not required **Other:** Not required  
**Protective Gloves:** chemical resistant  
**Eye Protection:** Not required **Footwear:** Chemical resistant  
**Other Protective Clothing or Equipment:** Not required  
**Work/Hygienic Practices:** No special procedures

## SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

**Boiling Point:** N. Ap. **pH:** N. Ap.  
**Specific Gravity (H<sub>2</sub>O) = 1:** N. Ap. **% Volatile:** N. Ap.  
**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. Ap.  
**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	2mg/m3	2mg/m3	N. Ap.	800 mg/kg	N. Av.
B	2mg/m3	2mg/m3	N. Av.	140-340 mg/kg (rat, oral)	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:** None

## SECTION XIV - TRANSPORT INFORMATION

**Shipping Classification:** Cleaning compound powder  
**UN Number:** NA  
**Packing Group:** NA

## SECTION XV - PREPARATION DATA

**Prepared By:** Safety and Health Department  
**Telephone Number:** 763-509-7937  
**Date:** 10-16-2008 Rev 11-25-2008

## SECTION XVI - REGULATORY INFORMATION

**US Federal Regulations**  
**TSCA Status:** All ingredients listed.  
**CERCLA Reportable Quality:** None  
**SARA Title III**  
**Section 302 Extremely Hazardous Chemicals:** None  
**Section 311/312 Hazard Category:** None  
**Section 313 Toxic Chemicals:** None

## 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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