



Vehicle Care Products



COMPLETE

Complete is an economical powdered detergent designed for both friction and frictionless cleaning. Designed for excellent solubility in pre-blend tanks. Also suitable for presoak applications in high pressure automatics. It is a heavy duty detergent that will provide exceptional results in difficult cleaning situations. **Complete** 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**
- **Penetrates and lifts road grime**
- **Safe on aluminum**
- **Rinses exceptionally well**

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.

Product Use	Recommended Application
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): Extreme Complete
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? **CO₂?** **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 (H₂O) = 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 sewerred, 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: 6-15-2009

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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