



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373 1-877-866-9742	Product Name: Powder Keg Product Code: POW150 Recommended Use: Powdered Detergent Revision Date: 5/30/2015
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Chemical Emergency: Infotrac: 1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard Classification

Skin Corrosion	Category 1
Serious Eye Damage	Category 2
Acute Toxicity - Oral	Category 4
Specific Target Organ Toxicity	Category 3

Signal Word

DANGER!



Hazard Statements

Causes severe skin burns and eye damage
 Causes serious eye damage
 Harmful if swallowed
 May cause respiratory irritation

Precautionary Statements - Prevention

Wash thoroughly after handling
 Do not breathe dust
 Wear protective gloves and eye protection
 Do not eat, drink or smoke when using this product
 Use only outdoors or in a well-ventilated area

Precautionary Statements - Response

Call a POISON CENTER or doctor/physician if you feel unwell
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
 IF ON SKIN (or hair): Remove all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing

Precautionary Statements - Storage

Store locked up.
 Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

Product is a mixture according to 29 CFR 1910.1200.

Hazardous Components

Hazardous Ingredients	Cas #	Weight %
Disodium metasilicate	6834-92-0	20 - 50%
Sodium carbonate	497-19-8	20 - 50%
Proprietary Blend	Trade Secret	< 5%

Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1200.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

General Advice: Keep out of reach of children. Use with care.

- Eye Contact:** Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.
- Skin Contact:** Wash off immediately with soap and water while removing all contaminated clothes and shoes.
- Ingestion:** If swallowed, call immediately for emergency medical assistance. DO NOT induce vomiting. Rinse mouth with water and drink 1-2 glasses of water. Never give anything by mouth to an unconscious person.
- Inhalation:** Remove to fresh air.

Most Important Symptoms and Effects

Symptoms: Severe burns to eyes, skin, and respiratory tract.

Indication of any immediate medical attention and special treatment needed

Note to Physician: Product is a corrosive material. Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES**Flammable Properties**

- Flammability:** Not considered to be a fire hazard.
- Explosive Prop:** No information available.

Extinguishing Media

- Suitable:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable:** No information available.

Specific Hazards Arising from Chemical

- Hazards:** This product causes burns of eyes, skin and mucous membranes. Thermal decomposition may lead to release of irritating and toxic vapors. In the event of fire and/or explosion do not breathe fumes.

Protective equipment and precautions for fire-fighters

- Fire-Fight Method:** In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing.
- Environ. Precautions:** Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.
- Clean-Up Method:** Sweep up, shovel and place into appropriate container for disposal. Avoid creating dust. Clean contaminated area thoroughly with water. Prevent product from entering drains.

SECTION 7: HANDLING AND STORAGE

- Handling:** Use personal protective equipment when needed. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.
- Storage:** Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep in properly labeled containers and out of reach of children.
- Incomp. Materials:** Strong acids and bases. Oxidizing agents. Prolonged exposure with alkali sensitive metals and alloys. Water and moisture.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Guidelines**

Hazardous Chemical	TLV - TWA	TLV - STEL
Disodium metasilicate	3 mg/m ³	No information available
Sodium carbonate	15 mg/m ³	No information available
Proprietary Blend	No information available	No information available

Appropriate Engineering Controls

- Eng. Controls:** Ensure adequate ventilation, especially in confined areas.

Personal Protection Equipment (PPE)

Eyes: Recommend safety goggles or shield.
Respiratory: Not usually necessary where ventilation is sufficient to maintain vapors under the TLV limit.
Skin: Avoid skin contact. Recommend chemical resistant gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State:	Solid	Freezing Point:	Not determined
Appearance:	White powder	Boiling Point:	Not determined
Color:	White	Evaporation Rate:	Not determined
Odor:	Odorless	Vapor Pressure:	Not determined
Odor Threshold:	No information available	Vapor Density:	Not determined
pH:	12 - 13	Relative Density:	Not determined
Flash Point:	Not determined	Flammability:	Not determined
Water Solubility:	Soluble in water	Explosive Limits:	Not determined
Viscosity:	Not determined	Part. Coefficient:	Not determined
Specific Gravity:	Not determined	Auto-ignition Temp:	Not determined
Melting Point:	Not determined	Decomp. Temp:	Not determined

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.
Haz. Decomposition: Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Haz. Polymerization: No information available.
Incompatibilities: Strong acids and bases. Oxidizing agents. Prolonged exposure with alkali sensitive metals and alloys. Water and moisture.
Conditions to Avoid: Heat, moisture and incompatibles.

SECTION 11: TOXICOLOGY INFORMATION**Component Information**

Hazardous Chemical	LD50 Oral	LD50 Dermal
Disodium metasilicate	600 mg/kg (rat)	No information available
Sodium carbonate	4090 mg/kg (rat)	No information available
Proprietary Blend	Not Determined	No information available

Potential Health Effects

Exposure Routes: Eye Contact, Dermal Contact, Ingestion, Inhalation
Acute Toxicity:
Eyes: Causes eye irritation with tearing, redness, and impaired vision.
Skin: Causes skin irritation, redness, and itching. May cause chemical burns.
Ingestion: Harmful if swallowed. Corrosive to mucous membranes, esophagus and stomach.
Inhalation: Respiratory irritant.
Chronic Effects: Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.
Carcinogenicity: Not listed as a carcinogen by OSHA, NTP or IARC.

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

Hazardous Chemical	Toxicity to Fish	Toxicity to Invertebrates
Disodium metasilicate	No information available	No information available
Sodium carbonate	300 - 320 mg/l (96 h: Bluegill sunfish)	265 mg/l (48 : Daphnia)
Proprietary Blend	No information available	No information available

Environmental Toxicity

Biodegradation: No information available.
Persistence: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains.

Container: Drain contaminated container thoroughly. Triple rinse containers.

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with all federal, state, and local regulations.

DOT

Proper Name: NA

Hazard Class: NA

UN Number: NA

Packing Group: NA

Special Provisions: Not regulated as dangerous goods.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

TSCA Status: All components of this product are listed or exempt from listing on TSCA inventory.

CERCLA Reportable Quantity: None

Section 311/312 Hazard Category

Acute Health Hazard:	6834-92-0	Disodium metasilicate	20 - 50%
Chronic Health Hazard:	No		
Fire Hazard:	No		
Sudden Release of Pressure:	No		
Reactive Hazard:	No		
Section 313 Toxic Chemicals	No		

SECTION 16: OTHER INFORMATION

Prepared by: Health and Safety Department

Contact Number: 1-877-866-9742

Issue Date: 5/30/2015

Revision Date: 5/30/2015

Revision Note: MSDS converted to GHS compliant SDS format

Version: I

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End of Safety Data Sheet