



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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|--------------------------|--|-------------------------|-------------------------|
| Manufactured for: | Ver-tech Solutions & Service 6801 Bleck Drive Rockford, MN 55373 763-577-4050 | Product Name: | Plastic China Destainer |
| | | Product Code: | VSS107 |
| | | Recommended Use: | Powdered Detergent |
| | | Revision Date: | 4/15/2015 |

Chemical Emergency: Infotrac: 1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION**GHS Hazard Classification**

| | |
|-----------------------|------------|
| Acute Toxicity - Oral | Category 4 |
| Serious Eye Damage | Category 1 |
| Oxidizing Solid | Category 3 |

Signal Word**DANGER!****Hazard Statements**

Harmful if swallowed
Causes serious eye irritation
May intensify fire; oxidizer

Precautionary Statements - Prevention

Wash thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection
Keep away from heat
Store away from combustible materials
Take any precaution to avoid mixing with combustibles

Precautionary Statements - Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
If eye irritation persists get medical advice/attention
In case of fire: Use water for extinction

Precautionary Statements - Storage**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 % |
|--------------------------------|------------|-----------|
| Sodium carbonate peroxyhydrate | 15630-89-4 | 50 - 100% |

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 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: Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties

Flammability: Not considered to be a fire hazard.

Explosive Prop: May be a fire and explosive hazard when in contact with incompatible materials.

Extinguishing Media

Suitable: Water. Water may also be used to keep fire-exposed containers and structures cool and to protect personnel.

Unsuitable: No information available.

Specific Hazards Arising from Chemical

Hazards: No information available.

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: Soak-up with inert absorbent material and place into appropriate container for disposal. 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: Combustible materials. Strong acids and bases. Oxidizing agents. Metals. Organic materials. Water/moisture.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

| Hazardous Chemical | OSHA PEL | ACGIH TLV |
|--------------------------------|--------------------------|--------------------------|
| Sodium carbonate peroxyhydrate | 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

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|--------------------------|--------------------------|----------------------------|----------------|
| Appearance: | 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: | 12.0 - 13.0 | 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

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| Stability: | Unstable upon exposure to heat. Unstable upon exposure to moisture. |
| Haz. Decomposition: | Oxidation resulting in increased fire or explosion risk. Upon combustion, CO and CO ₂ are formed. |
| Haz. Polymerization: | No information available. |
| Incompatibilities: | Combustible materials. Strong acids and bases. Oxidizing agents. Metals. Organic materials. Water/moisture. |
| Conditions to Avoid: | Heat, moisture and incompatibles. |

SECTION 11: TOXICOLOGY INFORMATION**Component Information**

| Hazardous Chemical | LD50 Oral | LD50 Dermal |
|--------------------------------|------------------|-----------------------|
| Sodium carbonate peroxyhydrate | 1034 mg/kg (rat) | > 2000 mg/kg (rabbit) |

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 carcinogen by OSHA, NTP or IARC. |

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

| Hazardous Chemical | Toxicity to Fish | Toxicity to Invertebrates |
|--------------------------------|-------------------------------|---------------------------|
| Sodium carbonate peroxyhydrate | 70.7 mg/L (48 h: P. promelas) | No information available |

Environmental Toxicity

| | |
|-------------------------|--|
| Biodegradation: | No information available. |
| Persistence: | This product is alkaline and may raise the pH of surface waters. |
| Bioaccumulation: | No information available. |
| Mobility: | No information available. |

SECTION 13: DISPOSAL CONSIDERATIONS

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|------------------------|--|
| 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. Do not reuse container. |

SECTION 14: TRANSPORT INFORMATION

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

DOT

| | |
|---------------------|--|
| Proper Name: | Oxidizing solid, n.o.s. (Sodium Carbonate Peroxyhydrate) |
|---------------------|--|

Hazard Class: 5.1
UN Number: UN1479
Packing Group: III
Special Provisions: This product is considered a limited quantity and is not regulated by DOT per 49 CFR 172.152 (b,2) for inner packaging not exceeding 11 lbs. each that are packed in a strong outer package not exceeding 66 lbs. gross weight.

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: Not applicable

U.S. State Right-to-Know Regulations

| Hazardous Chemical | California Proposition 65 |
|--------------------|---------------------------|
| None | |

Section 311/312 Hazard Category

Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Sudden Release of Pressure Hazard: No
Reactive Hazard: No

Section 313 Toxic Chemicals None

SECTION 16: OTHER INFORMATION

Prepared by: Health and Safety Department
Issue Date: 4/15/2015
Revision Date: 4/15/2015
Revision Note: MSDS converted to GHS SDS format
Version: I
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End of Safety Data Sheet