

Material Safety Data Sheet
Roebic Drain & Trap Deodorizer, 4 ½ pounds

Conforms with OSHA form OMB No. 1218-0072

Roebic Laboratories, Inc.
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Emergency Telephone Numbers-
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Date: 11/3/98 Reviewed 06/25/08
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SECTION I - INGREDIENTS

Product Name/Number Sodium Percarbonate
Chemical Name PCS; Sodium Percarbonate; Sodium Carbonate Peroxyhydrate

DOT Shipping Name (49 CFR 172.101) Non-regulated*
DOT ID Number Non-regulated
DOT Hazard Class: Non-regulated

*per 49CFR 172.102 special provision 27: Sodium Carbonate Peroxyhydrate is considered non-hazardous

OSHA status: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200

| | | | |
|----------------------|---------------------------|----------------------------|--------------|
| HEALTH (Blue) | FLAMMABILITY (Red) | REACTIVITY (Yellow) | |
| NFPA: No data | NFPA: No data | NFPA: No data | |
| HMIS: 1 | HMIS: 1 | HMIS: 1 | HMIS: PP = F |

CAS Number 15630-89-4
Generic Description Inorganic peroxygen compound

Emergency Overview

- A white granular solid that is an irritant to the eyes, skin and respiratory tract.
- Not flammable, but damp material decomposes exothermically and may cause combustion of organic material.
- Contamination may cause decomposition.

SECTION II – COMPOSITION/INFORMATION ON INGREDIENTS

| <u>COMPONENTS</u> | <u>FORMULA</u> | <u>CAS #</u> | <u>PERCENT</u> |
|--------------------------------|--|--------------|----------------|
| Sodium Carbonate Peroxyhydrate | 2Na ₂ CO ₃ ·3H ₂ O ₂ | 15630-89-4 | 85% |
| Sodium Carbonate | Na ₂ CO ₃ | 497-19-8 | 15% |

SECTION III – HEALTH HAZARD DATA

Occupational Exposure Limits: ACGIH – 10mg/m³ 8hr TWA for particulate not otherwise classified
OSHA – 15mg/m³ 8 hr TWA PEL for particulate not otherwise classified

Effects of Overexposure: EYES: causes damage to eyes, effects may be delayed
SKIN: slightly irritating to the skin
INGESTION: harmful if swallowed
INHALATION: inhalation of dust may cause irritation to mucous membranes and the respiratory tract.

Chronic: Not listed as a carcinogen by ACGIH, IARC, NTP, OSHA

Toxicological Information:

Acute: Ingestion: LD50 1034 mg/kg – rat-sexes combined

Inhalation: Excessive exposure may result in irritation to the mucous membrane and respiratory tract.

Skin Contact: LD50 >2000 mg/kg – dermal, rabbit

Eye Contact: Causes damage to eyes, effects may be delayed

Chronic: Carcinogenicity: Not recognized as a carcinogen by ACGIH, IARC, NTP, OSHA

Mutagenicity: Contains the peroxygen group which in-vitro was shown to be mutagenic without metabolic activation, and generally not mutagenic with metabolic activation. In vivo, no effect has been observed after oral administration.

Emergency First aid Procedures: Eyes: Immediately flush eyes with copious amounts of water. Get medical attention.
Skin: Brush off. Remove contaminated clothing. Wash with soap and water.
Ingestion: Drink large quantities of water. Do not induce vomiting. Get medical attention.
Inhalation: Remove to fresh air. Get medical attention if needed.

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point Non-flammable
Explosive Limits in Air, % N/A
Auto Ignition Temperature N/A
Extinguish Media Use water only
Special Fire Fighting Procedure Personnel should wear normal protective equipment (full bunker gear) and positive-pressure, self-contained breathing apparatus. If safe to do so, remove unaffected product to a safe area.
Unusual Fire Hazard Damp material may decompose exothermically and ignite combustibles. Storage vessels involved in a fire may vent gas or rupture due to internal pressure. Oxygen release due to exothermic decomposition may support combustion.

SECTION V – PHYSICAL DATA

Appearance/Odor white granular solid, no odor
Solubility in H₂O 140 g/L @ 75°F
Bulk Density 1.0-1.2 g/cc
Melting Point N/A can decompose above 55°C
Chemical Stability Stable
Conditions to Avoid Heat or contamination may cause decomposition. Contact with aqueous or moist conditions with acids or reducing agents can lead to the spontaneous release of oxygen.
Incompatible Materials Avoid contacts with acids, alkalis, and reducing agents. Avoid contact with decomposition catalysts, such as the majority of metals and their salts. Avoid contact with combustible and flammable materials.
Hazardous Decomposition Products Decomposition produces heat and oxygen
Hazardous Polymerization Will not occur
Conditions to Avoid no data

SECTION VII – SPILL, LEAK & DISPOSAL PROCEDURES

For Spill Shovel or sweep product in plastic bags or vented containers for disposal. Do not return spilled or contaminated material to inventory. Wash area down with water. Prevent runoff from entering storm sewers and ditches.
Waste Disposal Method Dispose of in approved waste facility operated by an authorized contractor and in compliance with federal, state and local regulations.

Ecological Information

General:

Degradation: Decomposes readily to sodium carbonate and hydrogen peroxide. The latter quickly decomposes to water and oxygen.

Aquatic Toxicity: Acute Fish: (Pimephales promelas) LC50(96h) = 70.7 mg/L

Acute Daphnia: (Daphnia pulex) LC50(48h) = 4.9 mg/L

SECTION VIII – SPECIAL PROTECTION

| | |
|-------------------------------|--|
| Respiratory Protection | Wear NIOSH approved respirator for toxic dust with TLV >0.05 mg/m ³ when exposed to irritating or excessive quantities of the dust. |
| Engineering Controls | Provide ventilation in work areas to keep dust below the following applicable limits: ACGIH – 10 mg/m ³ 8 hr TWA for particulate not otherwise classified OSHA – 15 mg/m ³ 8 hr TWA PEL for particulate not otherwise classified |
| Protective Gloves | PVC or Rubber Gloves; suitable coveralls |
| Eye Protection | Safety goggles |

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be taken in Handling & Storage Store bags in cool, dry, ventilated area. Store separately from organic and reducing materials. Avoid contamination, which may lead to decomposition. Provide eye wash stations in areas where materials are handled.

Other Precautions No data.

SECTION X – OTHER REGULATORY INFORMATION

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|---|------|
| TSCA Inventory List | Yes |
| CERCLA Hazardous Substance | No |
| Reportable Quantity | None |
| SARA, Title III | |
| Section 302 Extremely Hazardous Substance | No |
| Threshold Planning Quantity | None |
| Section 311 Hazardous Chemical | No |
| Section 313 Toxic Chemical | No |