

**SECTION 1: IDENTIFICATION**

**Product Identifier**

Product Name	Product Form	Product Code
SNAKE-IT™	Powder	RH-710

**Relevant identified uses of the substance or mixture:**

Granular Sewer Cleaner

**Details of the supplier of the safety data sheet**

Rhomar Industries, Inc.  
2107 E. Rockhurst St.  
Springfield, MO 65802 USA  
T 417-866-5592; F 417-866-5593  
solutions@rhomar.com

**Emergency telephone number**

1-800-535-5053

**SECTION 2: HAZARDS IDENTIFICATION**

**Classification:**

Oxidizing solid (Category 3)  
Corrosive to metals (Category 1)  
Serious eye damage/eye irritation (Category 1)  
Skin corrosion/irritation (Category 1)  
Acute aquatic toxicity (Category 3)



**Hazard Statements:**

May be corrosive to metals  
May intensify fire: Oxidizer  
Causes severe skin burns and eye damage  
Harmful to aquatic life

**Signal Word:**  
Danger

**Precautionary Statements**

**Prevention:**

Keep away from flammable/combustible/reducing materials.  
Keep only in original container tightly closed.  
Use in well-ventilated area.  
Wash face, hands and any exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Avoid breathing dust or mist.  
Avoid release to the environment.

**Response:**

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.

**Skin Contact:** Wash with plenty of soap and water. If irritation occurs get medical advice/attention. Wash contaminated clothing before reuse.

**Ingestion:** Do not induce vomiting. Rinse mouth. Call a poison center or doctor/physician if you feel unwell.

**Inhalation:** Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

**Fire:** Consider carbon dioxide, dry chemical, dry sand or alcohol resistant foam to extinguish.

**Storage:**

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store in a corrosive resistant container.

**Disposal:**

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Mixture**

Name	CAS #	Weight %
Sodium Nitrate	7631-99-4	30-40
Sodium Hydroxide	1310-73-2	50-60

Any concentration shown as a range is to protect confidentiality or is due to process variation.

**SECTION 4: FIRST-AID MEASURES**

**First Aid Measures**

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call physician.

Eye Contact: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a Poison Center or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing, wash with plenty of soap and water. If skin irritation persists, call a physician.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms:** May cause severe skin burns and eye damage.

**Indication of any Immediate Medical Attention and Special Treatment Needed:** Note to Physicians: Treat symptomatically.

**SECTION 5: FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media:** Alcohol resistant foam, dry chemical or carbon dioxide, water spray.

**Unsuitable Extinguishing Media:** No data available.

**Specific Hazards Arising from the Chemical:** Contact with combustible materials will not cause spontaneous ignition, however, sodium nitrate will enhance an existing fire. Thermal decomposition products are Nitrous oxides, sodium nitrite and sodium oxides.

**Protective Equipment and Precautions for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Keep upwind of the fire.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions**

Use personal protective equipment as required. Avoid breathing vapor/mist/gas. Ensure adequate ventilation. Evacuate personnel to safe area.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment**

Prevent further leakage or spillage if safe to do so. Prevent discharge to the environment. Pick up and arrange for disposal without creating dust.

**Methods for Cleaning Up**

Use non-combustible material like vermiculite, sand or earth to soak up the product and place into a suitable container for later disposal. Do not absorb in saw-dust or other combustible absorbents.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

#### Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Avoid generation of dust.

### Conditions for Safe Storage, Including any Incompatibilities

#### Storage Conditions

Store only in original container. Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store together with combustible substances, reducing agents.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	CAS #	ACGIH – TLV	OSHA PEL	NIOSH
Sodium Nitrate	7631-99-4	No data available	No data available	No data available
Sodium Hydroxide	1310-73-2	2 mg/m3	2 mg/m3	2 mg/m3

### Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

### Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved chemical safety goggles/face shield at all time. Eyewash station is recommended.

Skin and Body Protection: Wear suitable protective clothing. Nitrile rubber gloves.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. Wear respiratory protection where airborne concentrations are expected to exceed exposure limits.

General Hygiene Considerations: Avoid contact with eyes and skin. Wash hands thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	Granular		
Color	Red		
pH	14 at 50 g/l at 68° F	Melting Point/Freezing Point	584-604° F
Boiling Point/Boiling Range	No data available	Flash Point	Not applicable
Evaporation Rate	No data available	Flammability (Solid, Gas)	No data available
Upper Flammable Limits	No data available	Lower Flammable Limits	No data available
Vapor Pressure	No data available	Vapor Density	No data available
Specific Gravity	2.065	Water Solubility	Soluble in Water
Partition Coefficient	No data available	Autoignition Temperature	No data available
Decomposition Temperature	No data available	Kinematic Viscosity	No data available
Dynamic Viscosity	No data available	Explosive Properties	Not an Explosive
Oxidizing Properties	Oxidizer	Odor	Odorless
Odor Threshold	No data available		

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** No data available.

**Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** No data available.

**Conditions to Avoid:** Keep away from flammable, combustible and reducing substances.

**Incompatible Materials:** Strong oxidizing agents, strong acids, flammable, combustible and reducing substances.

**Hazardous Decomposition Products:** Nitrous oxides, sodium nitrite, sodium oxide.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Likely Routes of Exposure**

**Product Information**

Inhalation: Avoid breathing dust or mist.

Eye Contact: Causes severe eye damage.

Skin Contact: Avoid contact with skin.

Ingestion: Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Nitrate	7631-99-4	>2000 mg/kg (Rat)	>5000 mg/kg (Rat)	>0.527 mg/l (4-h)
Sodium Hydroxide	1310-73-2	No data available	No data available	No data available

Chemical Name	Isopropyl Alcohol	Nonylphenol, ethoxylated
<b>Skin corrosion/irritation</b>	Non-irritant (rabbit)	Causes severe burns (rabbit 24h)
<b>Serious eye damage/irritation</b>	Irritant (rabbit)	Corrosive (rabbit 24h)
<b>Respiratory or skin sensitization</b>	Does not cause sensitization	Will not occur
<b>Mutagenicity</b>	Negative results	No data available
<b>Carcinogenicity</b>	No carcinogenic properties	No carcinogenic properties
<b>Reproductive toxicity</b>	No data available	No data available
<b>Specific target organ toxicity single exposure</b>	Classification criteria not met	No data available
<b>Specific target organ toxicity repeated exposure</b>	Classification criteria not met	No data available
<b>Aspiration hazard</b>	Classification criteria not met	No data available

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity:** Not determined.

**SECTION 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/Aquatic Plants	Fish	Aquatic Invertebrates	Crustacea
Sodium Nitrate	7631-99-4	>1700 mg/l	LC50 (freshwater fish): 6000 mg/l 96-h LC50 (marine fish): 4400 mg/l 96-h	EC50 Daphnia magna (water flea) 8600 mg/l 24-h	No data available
Sodium Hydroxide	1310-73-2	No data available	LC50 (Oncorhynchus mykiss (rainbow trout)): 45.4 mg/l 96h, LC50 Gambusia affinis (mosquito fish)-125 mg/l – 96h	LC50 Dendronereides heteropoda (water flea): 4720 mg/l 96h	No data available

**Persistence and Degradability:** No data available

**Bioaccumulation:** No data available

**Mobility:** No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

## SECTION 14: TRANSPORTATION INFORMATION

**DOT Proper Shipping Description:**

**Bulk & Non-Bulk:** UN3084, Corrosive solids, oxidizing, N.O.S. (Sodium hydroxide, sodium nitrate), 8, (5.1), PGI

## SECTION 15: REGULATORY INFORMATION

**Sara Title III, Section 311/312 (40CFR370):** Fire, acute health hazards.

**Sara Title III, Section 313 (40CFR372):** No reportable component.

**RCRA Status (40CFR261.33):** No reportable components.

**TSCA Inventory Status:** Reported/included.

**OSHA/NTP/IARC Carcinogen Status:** Not listed.

**Canadian DSL Status:** Reported/included.

**Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:** None

**U.S. States Right-to-Know Regulations**

Name	New Jersey	Massachusetts	Pennsylvania
Sodium Nitrate 7631-99-4	Not listed	Not listed	Not listed
Sodium Hydroxide 1310-73-2	X	X	X

## SECTION 16: OTHER INFORMATION

**HMIS Ratings:**

Health: 3

Flammability: 0

Reactivity: 2

Indication of changes: Revision-1

Date Sheet Prepared: 04/02/2015

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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