



**SAFETY DATA SHEET**  
**Roto Salt Trace Mineral Salt Brick**

**1. Identification**

**Product Identifier** Roto Salt Trace Mineral Salt Brick  
**Other means of identification** Salt spool, Salt Wheel  
**Recommended Use** Salt may be intended for food for animals or animal feed (agricultural) as well as several industrial applications  
**Recommended restrictions** None known  
**Manufacturer/Distributor Information**  
**Company Name** Roto Salt CO.  
**Address** Penn Yan, NY 14527  
**Telephone** 1-315-536-6234  
**Website** [www.rotosalt.com](http://www.rotosalt.com)  
**Emergency telephone** CHEMTREC (800) 424-9300

**2. Hazard(s) Identification**

**Physical hazards** Not Classified  
**Health Hazards** Not Classified  
**OSHA defined hazards** Not Classified  
**Label elements**  
**Hazard symbol** None  
**Hazard Statement** This mixture does not meet the criteria for classification  
**Precautionary statement**  
**Prevention** Observe good industrial hygiene  
**Response** Wash hands after handling  
**Storage** Store in a dry area with ambient temperatures away from incompatible materials  
**Hazard(s) not otherwise Classified** None Known

**3. Composition/information on ingredients**

**Mixtures**

<u>Chemical name</u>		<u>% / PPM</u>
Sodium Chloride		96% - 99%
Manganese	Not less than	2000 PPM
Magnesium	Not less than	1000 PPM
Copper	Not less than	250 PPM
Zinc	Not less than	80 PPM
Iron	Not less than	1000 PPM
Sulfur	Not less than	500 PPM
Cobalt	Not less than	100 PPM
Iodine	Not less than	70 PPM



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#### 4. First aid measures

**Inhalation**

If dust from the material is inhaled remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.

**Skin Contact**

Wash off with soap and water. Get medical attention if irritation develops and is persists.

**Eye contact**

Rinse with water. Get medical attention if irritation develops and persists

**Ingestion**

Give one or two glasses of water if patient is alert and able to swallow. Get medical attention if symptoms occur.

**Most important symptoms/effects, acute and delayed**

Direct contact with eyes may cause temporary irritation

**Indication of immediate medical attention and special treatment needed**

Treat symptomatically.

**General information**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

#### 5. Fire-fighting measures

**Suitable extinguishing media**

Water fog, Foam, Dry chemical powder. Carbon dioxide(CO<sub>2</sub>)

**Unsuitable extinguishing media**

None known

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed

**Specific protective equipment and precautions for firefighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire

**Fire fighting equipment/instructions**

Use water spray to cool unopened containers

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**

This product is not flammable or combustible

#### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Avoid inhalation of dust from spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Methods and materials for containment and cleaning up**

If sweeping of a contaminated area is necessary use a dust suppressant agent which does not with the product. After cleanup flush the area with water.

**Environmental precautions**

Avoid release to the environment. Avoid discharge to drains, water courses or onto ground.



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## 7. Handling and storage

### Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. Minimize dust generation and accumulation. Avoid breathing dust. Avoid contact with eyes. Avoid contact with water and moisture. Keep away from strong acids. Practice good housekeeping

### Conditions for safe storage including any incompatibilities

Store in original tightly closed container. Store in well ventilated place. Store away from incompatible materials. Avoid humid or wet conditions.

## 8. Exposure controls/personal protection

### Skin Protection

Wear appropriate gloves when handling this product.

### Eyes

Caution should be taken when placing bricks out for use so not to get salt in eyes.

### Hygiene

Good hygiene practices should be observed after handling this product. Wash hands thoroughly with soap and water.

## 9. Physical and chemical properties

### Appearance

Reddish brown salt brick with slight taper

### Physical state

Solid

### Color

Reddish-Brown

### Odor

Slight metallic

## 10. Stability and reactivity

### Reactivity

This product is stable and non-reactive under normal conditions of use, storage and transport.

### Chemical stability

Material is stable under normal conditions.

### Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### Conditions to avoid

Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., Cleaning dusty surfaces with compressed air).

### Incompatible materials

Avoid contact with strong acids. Becomes corrosive to metals when wet.

### Hazardous decomposition products

At high temperatures, decomposition may result in formation of oxides of the trace minerals present in the salt.



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**11. Toxicological information**

**Information on likely routes of exposure**

**Inhalation**

Inhalation of dust may cause respiratory irritation.

**Skin contact**

Prolonged or repeated skin contact may cause irritation  
If applied to damaged skin, absorption can occur with effects similar to those of ingestion.

**Eye contact**

Dust in the eyes will cause irritation

**Ingestion**

Expected to be low ingestion hazard

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye and skin contact: Exposure may cause temporary irritation redness, or discomfort. For ingestion, consuming less than a few grams would not be harmful. The following effects may be possible after ingesting an excessive quantity: nausea and vomiting, diarrhea, cramps, restlessness, irritability, dehydration, water retention, nose bleed, gastrointestinal tract damage, fever, sweating, high blood pressure, dry mouth,

**Information on toxicological effects**

**Acute toxicity**

In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

**12. Ecological Information**

**Ecotoxicity**

This product is not classified as environmentally hazardous however, this does not exclude the possibility that large or frequent spills can have harmful effects on the environment.

**Persistence and degradability**

No data is available on the degradability of this product.

**Bio accumulative potential**

No data available

**Mobility in soil**

No data available

**Other adverse effects**

None known

**13. Disposal considerations**

**Disposal instructions**

Collect and reclaim or dispose of at licensed disposal site.

**Local disposal regulations**

Dispose of in accordance with all applicable regulations

**Waste from residue / unused products**

Empty containers should be taken to an approved waste handling site for disposal.

**14. Transportation information**

**DOT**

Not regulated as dangerous goods

**IATA**

Not regulated as dangerous goods

**IMDG**

Not regulated as dangerous goods



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## 15. Regulatory information

**Us federal regulations** All components are on the U.S EPA TSCA inventory list.  
This product is not known to be a "Hazardous Chemical" as defined by the OSHA hazard communication standard, 29 CFR 1910.1200

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard Categories** Immediate hazard - No  
Delayed hazard - No  
Fire hazard - No  
Reactivity hazard - No

## 16. Other information

<b>Issue date</b>	November 3 2016
<b>Revision date</b>	October 22 2018
<b>Version</b>	1
<b>HMIS ratings</b>	Health 1 Flammability 0 Physical hazard 0 Personal protection A

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