

Safety Data Sheet

Mined Rock Salt

Independent Salt Company
Kanopolis, Kansas
July 1, 2018

Section 1: Product Identification & Company Identification

Product Identifier	Sodium Chloride
Synonyms	Salt, Rock Salt, Halite
Recommended Use	Agricultural use for livestock feed, as well as deicing.
Restrictions	None known.
Manufacturer	Independent Salt Company 1126 20 th Road PO Box 36 Kanopolis, KS 67454 785-472-4421

Section 2: Hazards Identification

Physical Hazards	Not Classified
Health Hazards	Not Classified
Environmental Hazards	Not Classified
OSHA Defined Hazards	Not Classified
Label Elements	
Hazard Symbol	None
Signal Word	None
Hazard Statement	Not classified

Precautionary Statement

Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials. (Water or items prone to oxidation.)
Disposal	Naturally occurring substance, observe local laws.

Section 3: Composition & Information on Ingredients

Sample Chemical Composition for Salt Mined at our plant:

Moisture	0.15 %
Dry Matter	99.85 %
Calcium	0.6255 %
Magnesium	0.1254 %
Sulfate	1.4867 %
Iron	0.0426 %
Acid Insolubles	0.7748 %
Ferric Oxide	0.0609 %
Water Insolubles	1.7282 %
Calcium Chloride	0.0173 %
Calcium Sulfate	2.1035 %
Magnesium Chloride	0.9821 %
Sodium Chloride	
Per ASTM E 534-91	95.0189 %

Section 4: First Aid Measures

Inhalation Avoid breathing dust. If breathing is difficult, remove to fresh air.

Skin Contact Rinse skin with water. Seek medical attention if irritation develops and persists.

Eye Contact Rinse with water. Seek medical attention if irritation develops and persists.

Ingestion If large quantities are ingested, call physician.

Most Important

Symptoms, acute

And delayed Direct contact with eyes may cause temporary irritation.

Indication of

Immediate

Medical attention

Needed Treat symptomatically.

Section 5: Fire Fighting Measures

Suitable Extinguishing Media	Salt is noncombustible.
Unsuitable extinguishing Media	Not applicable
Specific hazards arising From the chemical	Not applicable
Special protective Equipment and Precautions for Firefighters	Use appropriate firefighting protective equipment as a general precaution.
Fire-fighting Equipment & Instructions	Salt is not combustible.
Specific Methods	Not Applicable.
General Fire Hazards	Salt is not combustible.
Hazardous Combustion Products	None
Explosion Data	Not applicable

Section 6: Accidental Release Measures

Personal precautions, Protective equipment, and emergency Procedures	Wear suitable clothing, gloves, and eye protection. Stop leak if you can do so without risk. Keep unauthorized personnel away. Use normal clean up procedures.
Environmental Precautions	No environmental risks are present.
Containment and Clean up	Carefully shovel or sweep spilled material and place in an appropriate container.

Section 7: Handling & Storage

Safe Handling Precautions	Avoid breathing dust.
Safe Storage	Store in an appropriate container.

Section 8: Exposure Controls & Personal Protection

Occupational Exposure Limits	none
Biological Limit Values	none
Appropriate Engineering Controls	TWA PEL No specific limits have been established for sodium chloride. TWA TLV No specific limits have been established for sodium chloride.
Individual Protection Measures	
Eye/Face	Safety glasses if eye contact is possible.
Skin Protection	If constant skin contact occurs, wear suitable gloves and clothing.
Respiratory	No personal respiratory equipment is normally required.
Thermal Hazards	None
Hygiene Considerations	Observe normal hygiene practices

Section 9: Physical & Chemical Properties

Material Description	
Physical Form	Solid
Appearance	Colorless to white crystalline with black specks.
Odor	Odorless
Particulate Type	Crystalline
Particulate Size	Powder to small
Odor Threshold	Not Applicable

General Properties

Boiling Point	1413 degrees Centigrade. 2575 Fahrenheit.
Melting Point	801 degrees Centigrade. 1474 Fahrenheit.
Decomposition Temperature	No data.
Ph	Approximately 7
Specific Gravity/ Relative Density	2.165 Water = 1
Bulk Density	Varies
Water Solubility	Soluble 0.36 g/cc @ 20 degrees centigrade, and 68 degrees Fahrenheit.
Viscosity	Not Applicable
Explosive Properties	None
Oxidizing Properties	Varies

Volatility

Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Evaporation Rate	Not Applicable

Flammability

Flash Point	Not Applicable
UEL	Not Applicable
LEL	Not Applicable
Auto-ignition	Not Applicable
Flammability	Not Flammable

Environmental

Octanol/Water Partition Coefficient	Not Applicable
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Section 10: Stability & Reactivity

Reactivity	None known
Hazardous Reactivity?	No dangerous reactivity known.
Stability	Material is stable
Conditions to avoid	Contact with strong oxidizing agents.
Incompatible Materials	Strong oxidizing agents.
Hazardous decomposition Products	Chlorine gas, Hydrogen Chloride.

Section 11: Toxicological Information

Information on likely methods of exposure

Ingestion	Low ingestion hazard.
Inhalation	No adverse effects due to inhalation.
Skin Contact	No adverse effects due to skin contact.
Eye Contact	Direct contact with eyes may cause temporary irritation.

The classification criteria **is not met** on either EU/CLP or OSHA on **any** of the following items.

Acute toxicity
Aspiration Hazard
Carcinogenicity
Germ Cell Mutagenicity
Skin corrosion/irritation
Skin Sensitization
STOT-RE
STOT-SE
Toxicity for Reproduction
Respiratory sensitization
Serious eye damage/irritation

Section 12: Ecological Information

Eco toxicity	This product is not classified as environmentally hazardous.
Persistence and Degradability	No data available.
Bioaccumulative Potential	No data available.
Mobility in soil	No data available.
Mobility in general	No data available.
Other adverse environmental effects	None

Section 13: Disposal Considerations

Product Waste Dispose of content and or container in accordance with local, regional, and national regulations.

Packaging Waste Dispose of content and or container in accordance with local, regional, and national regulations.

Section 14: Transport Information

This product is **not** regulated as a “dangerous good” by either the United States Department of Transportation or the TDG (Transportation of Dangerous Goods) in Canada.

Section 15: Regulatory Information

U.S. Federal Regulations This product is on the U.S. EPA TSCA Inventory listed and is not recognized to be a hazardous chemical.

**TSCA Section 12(b)
Export notification
(40 CFR 707, Subpt. D)** Not regulated.

**Cercla Hazardous Substance
List (40 CFR 302.4)** Not listed.

**Clean Air Act
Section 112 Accidental
Release Prevention
(40 CFR 68.130)** Not regulated.

**Clean Air Act
Section 112 Hazardous
Air Pollutants List** Not regulated.

Superfund Amendments & Reauthorization act of 1986

Immediate Hazard No

Delayed Hazard No

Fire Hazard No

Pressure Hazard No

Reactivity Hazard No

**Sara 302 Extremely
Hazardous Substance** No

Sara 311/312/31

Hazardous Chemical

Not Recognized as a hazardous chemical and not regulated.

Safe Water Drinking Act

Not regulated.

Food & Drug Administration

Not regulated.

Section 16: Other Information

None