

1. Product and Company Identification

Product identifier Sodium Chloride Packaged Rock Salt

Other means of identification

SDS number

Synonyms Rock Salt, Core Commercial Grade Ice Melt

Recommended use General Industrial and ice melting

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer Midwest Salt

Company name Midwest Salt LLC

Address 1300 W. Washington Street, West Chicago, IL 60185

Telephone 630-513-7575

Website midwestsalt.com

Emergency telephone number 630-513-7575

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements Not classified.

Hazard symbol None

Signal word None

Hazard statement The product and/or mixture does not meet the criteria for classification

Precautionary statement

Prevention Observe good industrial hygiene practices.

Response Wash hands after handling.

Storage Store away from incompatible materials, i.e, strong oxidizing agents (see Section 10)

Disposal Dispose of waste and residues in accordance with local authority requirements

Hazard(s) not otherwise classified (HNOC) None known

3. Composition/information on ingredients

Mixtures Non hazardous by WHMIS Criteria

Composition Comments The criteria for listing components in this section are: Carcinogens, Respiratory Sensitizers, Mutagens, Teratogens and Reproductive toxins are listed when present at 0.1% or greater; components which are otherwise hazardous according to WHMIS/ OSHA are listed when present at 1.0% or greater. Non- hazardous components are not listed. The products pertaining to this SDS have various proportions of components which do not meet the listing criteria

4. First-aid measures

Inhalation	Avoid breathing dust. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist
Skin contact	Rinse skin with water/shower. Get medical attention if irritation develops and persists
Eye contact	Rinse with water. Get medical attention if irritation develops and persists
Ingestion	Rinse mouth. If ingestion of a large amount does occur, seek medical attention.
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	NA

5. Fire-fighting measures

Suitable extinguishing media	Salt and salt mixtures are non-combustible
Unsuitable extinguishing media	Not applicable.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Use appropriate firefighting PPE as a general precaution.
Fire-fighting equipment/instructions	Salt is not combustible and thus is not the material of concern for firefighting equipment or methods.
Specific methods	In the event of a fire, equipment and methods that are consistent with the combusting material should be utilized.
General fire hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	May include and are not limited to: Chlorine. Hydrogen chloride. Oxides of sodium.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Restrict area to facilitate clean up.
Methods and materials for containment and cleaning up	Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid direct release into waterways and sewers.

7. Handling and storage

Precautions for safe handling	Use care in handling/storage. Avoid breathing dust.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials, i.e, strong oxidizing agents (see Section 10)

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s)
Biological limit values	No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls

TWA PEL: No specific limits have been established for sodium chloride (a soluble substance). As a guideline, OSHA (United States) has established the following limits which are generally recognized for inert or nuisance dust. Particulates Not Otherwise Regulated (PNOR): 5mg/cu.m Respirable Dust 8-Hour TWA PEL, 15mg/cu.m. Total Dust 8-Hour TWA PEL.

TWA TLV: No specific limits have been established for sodium chloride (a soluble substance). As a guideline, ACGIH (United States) has established the following limits which are generally recognized for inert or nuisance dust. Particulates (insolubles) Not Otherwise Classified (PNOC). 10mg/cu.m. Inhalable Particulate 8-Hours TWA TLV, 3mg/cu.m. Respirable Particulate TWA TLV.

Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses if eye contact is possible

Skin protection

Hand protection

If there is constant skin contact, suitable gloves are recommended.

Other

Wear suitable protective clothing.

Respiratory protection

No personal respiratory protective equipment normally required.

Thermal hazards

Not applicable.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment.

9. Physical and chemical properties

Appearance

Crystalline

Physical state

Solid

Form

Solid

Color

Varies

Odor

Odorless

Odor threshold

Not applicable

pH

6-8 Neutral

Melting point/freezing point

Not applicable

Initial boiling point and boiling range

Not applicable

Flash point

Not applicable

Evaporation rate

Not applicable

Flammability (solid, gas)

Not applicable

Upper/lower flammability or explosive limits

Flammability limit - lower (%)

Not applicable

Flammability limit - upper (%)

Not applicable

Explosive limit - lower (%)

Not applicable

Explosive limit - upper (%)

Not applicable

Vapor pressure

Not applicable

Vapor density

Not applicable

Relative density

Not applicable

Solubility(ies)

Not applicable

Solubility (water)

Not applicable

Partition coefficient (n-octanol/water)

Not applicable

Auto-ignition temperature	Not applicable
Decomposition temperature	Not applicable
Viscosity	Not applicable

10. Stability and reactivity

Reactivity	None known
Chemical stability	
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials, i.e strong oxidizing agents.
Incompatible materials	Acids. Strong oxidizing agents.
Hazardous decomposition products	May include and are not limited to: Chlorine gas. Hydrogen chloride. Oxides of sodium.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity	Not classified.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation
Exposure minutes	Not available
Erythema value	Not available
Oedema value	Not available.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.
Corneal opacity value	Not available
Iris lesion value	Not available
Conjunctival reddening value	Not available
Conjunctival oedema value	Not available
Recover days	Not available

Respiratory or skin sensitization

Respiratory sensitization	Not available
Skin sensitization	This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified

Specific target organ toxicity - repeated exposure Not classified

Aspiration hazard	Not classified
Chronic effects	Not classified
Teratogenicity	Not classified

12. Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available
Mobility in soil	No data available
Mobility in general	No data available
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, global warming potential) are expected from this component

Components	Species	Test Results
Sodium Chloride		

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers in accordance with applicable regulations
Local disposal regulations	Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions)
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

Transport of Dangerous Goods (TDG) Proof of classification	In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue.
DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

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.	
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not listed	
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed	
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not listed	
Superfund Amendments and Reauthorization Act of 1986 (SARA)		
Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No	
SARA 302 Extremely hazardous substance	Not listed.	
SARA 311/312 Hazardous chemical	No	
SARA 313 (TRI reporting)	Not regulated.	
Other federal regulations		
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not regulated.	
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.	
US state regulations	See Below	
US. Massachusetts RTK - Substance List	Not regulated.	
US. New Jersey Worker and Community Right-to-Know Act	Not regulated.	
US. Pennsylvania Worker and Community Right-to-Know Law	Not regulated.	
US. Rhode Island RTK	Not regulated.	
US. California Proposition 65	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins	
US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance	California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins	
Inventory status		
Country(s) or region	Inventory name	On Inventory(yes/no)
Canada	Domestic Substances List (DSL)	yes
Canada	Non-Domestic Substances List (NDSL)	no
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information, including date of preparation or last revision

Issue date

September-3-18

Revision date

September-3-18

Version #

1.0.0

Disclaimer

All statements, technical information and recommendations contained herein are, the best of our knowledge, reliable and accurate; however no warranty, either expressed or implied is made with respect thereto, nor will any liability be assumed for damages resultant from the use of the material described.

It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. It is also the responsibility of the user to maintain a safe workplace. The user should consider the health hazards and safety information provided herein as a guide and should take the necessary steps to instruct employees and to develop work practice procedures to ensure a safe work environment.

This information is not intended as a license to operate under, or a recommendation to practice or infringe upon any patent of this Company or others covering any process, composition of matter or use.

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X

