



Sodium Chloride

Safety Data Sheet

According to Regulation (EC) 1272/2008

SECTION 1 - Chemical Product and Company Identification

1.1 Product Identifiers

Product Name	: Sodium Chloride
CAS#	: 7647-14-5
EC#	: 231-598-3
RTECS	: VZ4725000
REACH Number	: No information available

1.2 Recommended Use of the Chemical and Restrictions of Use

Chemical manufacturing

1.3 Supplier Details

Supplier	: BioSpectra, Inc. 100 Majestic Way Bangor, PA 18013 T: 610-599-3400 ehs@biospectra.us
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1.4 Emergency Numbers

Emergency Numbers	: US & Canada: 1-800-424-9300 Outside the US & Canada: +1 703-527-3887
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SECTION 2 - Hazards Identification

2.1 Classification of the Substance or Mixture

Not a hazardous substance or mixture.

2.2 GHS Label Element Including Precautionary Statements Pictogram

Not a hazardous substance or mixture.

2.3 Hazards not classified or not covered by the HCS

No information available.

SECTION 3 - Composition, Information on Ingredients

3.1 Substances

Component	Formula	CAS-No	Molecular Weight
Sodium Chloride	NaCl	7647-14-5	58.44 g/mol

SECTION 4 - First Aid Measures

4.1 Description of Necessary First Aid Measures General Advice

No special measures required.

Eyes	: Rinse open for several minutes under running water.
Skin	: Wash with soap and plenty of water.
Ingestion	: Rinse mouth with water if conscious.
Inhalation	: Move to fresh air.
Note to Physician	: Treat symptomatically and supportively.

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4.2 Most Important Symptoms/Effects, Acute and Delayed

None

4.3 Indication of Immediate Medical Attention and Special Treatment

No information available.

SECTION 5 - Firefighting Measures

5.1 Extinguishing Media

Use water spray, alcohol-resistant foam, dry chemical CO₂.

5.2 Specific Hazards Associated with this Chemical

Not known

5.3 Special Equipment/Precautions for Firefighters

No special advice

SECTION 6 - Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Not required

6.2 Environmental Precautions

Do not allow to enter sewers, surface, or groundwater.

6.3 Methods and Materials for Containment and Cleaning Up

Pick up mechanically.

SECTION 7 - Handling and Storage

7.1 Precautions for Safe Handling

No special measures required.

7.2 Conditions for Storage Including any Incompatibilities

No specific storage conditions necessary.

SECTION 8 - Exposure Controls, Personal Protection

8.1 Control Parameters

Chemical does not contain any substances with occupational exposure limits.

8.2 Engineering Controls

No specific engineering controls required, handle using good industrial hygiene and safety practices.

8.3 Personal Protective Measures

Eyes

Wear protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection in 29 CFR 1910.133 or European Standard EN166.

Hands

Wear impervious gloves with a layer thickness 0.11 mm to prevent skin contact.

Clothing

Wear appropriate protective clothing.

Respirators

No specific respiratory protection required.

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SECTION 9 – Physical and Chemical Properties**9.1 Chemical Property Information**

Physical State	: Solid
Appearance	: White
Odor	: Odorless
pH (aqueous solution)	: 6.7-7.3 @ 20°C
Vapor Density	: No information available
Viscosity	: No information available
Density	: 2.163 g/cm ³ @ 20°C
Vapor Pressure	: No information available
Melting Point	: 801°C
Boiling Point	: 1461°C
Specific Gravity/Density	: No information available
Solubility	: 317 g/L @ 20°C
Molecular Weight	: 58.44 g/mol
Molecular Formula	: NaCl
Decomposition Temperature	: No information available
Freezing/Melting Point	: 801°C

SECTION 10 - Stability and Reactivity**10.1 Chemical Stability**

No decomposition if used according to specifications.

10.2 Conditions to Avoid

No information available.

10.3 Incompatibilities with Other Materials

No information available.

10.4 Hazardous Decomposition Products

No information available.

SECTION 11 - Toxicological Information**11.1 Toxicological Effects**

LD50/LC50	: LD50 Subcutaneous- rat- 3,550 mg/kg
LC50 Inhalation- rat	: 1 h- > 42,000 mg/m ³
Carcinogenicity	: Substance not listed
Potential Health Effects	: Serious Eye Damage/ Irritation: Skin
Corrosion/Irritation	: Substance not listed.
Respiratory or Skin Sensitization	: Substance not listed
Epidemiology	: Substance not listed
Teratogenicity	: Substance not listed
Reproductive Effects	: Substance not listed
Neurotoxicity	: Substance not listed
Mutagenicity	: Substance not listed
Other Studies	: Substance not listed
RTECS	: VZ4725000

SECTION 12 - Ecological Information**12.1 Ecotoxicity**

Water Hazard Class 1.

12.2 Persistence and Degradability

No information available.

12.3 Bio accumulative Potential

No information available.

12.4 Mobility in Soil

Not applicable.

12.5 Result of PBT and vPvB Assessment

No information available.

12.6 Other Adverse Effects

No information available.

SECTION 13 - Disposal Considerations**13.1 Disposal Methods**

Dispose of in a manner consistent with Federal, State and Local Regulations.

SECTION 14 - Transport Information

No information available.

SECTION 15 - Regulatory Information**15.1 EHS Chemical Specific Regulations**

OSHA Hazards : Substance not listed.

SARA:

SARA: Section 302 (RQ) : Substance not listed
 Section 311/312 : Substance not listed.
 Section 313 Components : Substance not listed.
 Other Classifications : Substance not listed.

STATE SPECIFIC:

Massachusetts Right To Know Components : Substance not listed
 Pennsylvania Right To Know Components : Sodium Chloride
 New Jersey Right To Know Components : Sodium Chloride
 California Prop. 65 Components : This product does not contain any chemicals known in the state of California to cause cancer.

SECTION 16 - Additional Information**16.1 Hazard Ratings**

NFPA Rating	
Health	1
Fire	0
Reactivity	0