

SAFETY DATA SHEET (SDS)

Saturated Sodium Chloride

01. Product and Company Identification

Product Identifier:

Trade Name: Sodium Chloride, Saturated solution
Chemical Name: Sodium Chloride
Catalog Number: 35071008, 35071059,
Part of Kits: 35063030, 35070206, 35061126, 35062611, 35060944
Use of chemical: Laboratory chemical

Identification of Manufacturer:

Manufacturer/Supplier: Biochemical Diagnostics, Inc.
 180 Heartland Blvd., Edgewood, NY 11717
 Phone: (631) 595-9200 | Fax: (631) 595-9204
Emergency telephone number: (800) 255-3924

02. Hazard(s) Identification

Classification of substance or mixture:
Not a hazardous substance or mixture.

Label elements:

Hazard pictograms
 Not a hazardous substance or mixture

Signal word: None

Hazard statements:
None

Precautionary statements:
None

Classification system:

NFPA ratings (scale 0 - 4)



Health = 1
 Fire = 0
 Reactivity = 0

HMIS-ratings (scale 0 - 4)

HEALTH	1
FIRE	0
REACTIVITY	0

Health = 1
 Fire = 0
 Reactivity = 0

03. Composition/information on ingredients

Chemical Characterization: Mixture

CAS No. Description : 7647-14-5

Formula : NaCl: H₂O (30:70)

Molecular weight : 58.44 g/mol

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04. First aid measures

Description of first aid measures:

Inhalation: Remove to fresh air. If not breathing, give artificial respiration.

Ingestion: Rinse mouth with water.

Skin Contact: Wash with soap and plenty of water.

Eye Contact: Flush eyes with water as a precaution.

05. Firefighting measures

Extinguishing media: Water spray, Dry chemical, alcohol-resistant foam, or carbon dioxide.

Special Fire Fighting Procedures: Wear proper protective equipment w/Self contained breathing apparatus if necessary.

Unusual Fire and Explosion Hazards: None identified.

06. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas. Avoid dust formation.

Environmental precautions:

Do not let product enter drains.

Methods and material for containment and cleaning up:

Soak up with absorbent material and keep in closed container for disposal.

Waste Disposal Method:

Dispose in accordance with state, local and federal regulations.

07. Handling and storage

Handling:

Precautions for safe handling: Not a hazardous mixture.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Store in well-ventilated, cool, dry conditions in well-sealed receptacles.

Further information about storage conditions:

08. Exposure controls/ personal protection

Exposure Controls:

Control parameters:

Components with limit values that require monitoring at the workplace:

Contains no substances with occupational exposure limit values.

Personal protective equipment:

General protective and hygienic measures: General laboratory hygiene practice.

Eye Protection: Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin Protection: Wear protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact

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Protection of Hands:


Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Dispose of gloves after use.

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Ventilation: Not required.

09. Physical and chemical properties

Appearance:

Form: Liquid

Color: Colorless

Odor: Odorless

pH: 7.0

Melting Point: 801 °C (1,474 °F)

Boiling Point: 1,413 °C (2,575 °F)

Flash Point: N/A

Ignition temperature: N/A

Explosion limits: Lower: N/A

Upper: N/A

Vapor Pressure @ 20°C: <1 mmHg

Specific Gravity @ 20°C (68°F): 1.200 g/cm³

Vapor Density: N/A

Percent Volatile: N/A

Evaporation Rate: N/A

Flammable Limits in air % by volume: Lel: N/A

Uel: N/A

Solubility in/ Miscibility with Water@20°C: Appreciable >10%

10. Stability and reactivity

Stability: Stable

Incompatibility: Strong oxidizing agents, lithium, interhalogens (ex: bromine, trifluoride), iron, cement

Conditions to Avoid: N/A

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Hydrogen chloride gas, Sodium oxides

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No data available

Potential health effects:**On the skin:** no data available.**On the eye:** no data available.**Inhalation:** no data available.**Ingestion:** May be harmful if swallowed in large quantities.**12. Ecological information****Toxicity:** No data available.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Mobility in soil:** No data available.**Other adverse effects:** No data available.**13. Disposal considerations****Waste treatment methods****Product:**

Dispose of waste in accordance to applicable national, regional, or local regulations.

Contaminated packaging:

Disposal must be made according to official regulations.

14. Transport Information

Not dangerous goods

15. Regulatory Information**SARA 302 Components:**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards:

No data available



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16. Other Information

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