

## 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: H<sub>2</sub>O (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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<b>Protection of Hands:</b>		Protective gloves
<p>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.</p>		
<p><b>Respiratory Protection:</b> 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).</p>		
<p><b>Ventilation:</b> Not required.</p>		

### 09. Physical and chemical properties

<b>Appearance:</b>
<b>Form:</b> Liquid
<b>Color:</b> Colorless
<b>Odor:</b> Odorless
<b>pH:</b> 7.0
<b>Melting Point:</b> 801 °C (1,474 °F)
<b>Boiling Point:</b> 1,413 °C (2,575 °F)
<b>Flash Point:</b> N/A
<b>Ignition temperature:</b> N/A
<b>Explosion limits:</b> Lower: N/A Upper: N/A
<b>Vapor Pressure @ 20°C:</b> <1 mmHg
<b>Specific Gravity @ 20°C (68°F):</b> 1.200 g/cm <sup>3</sup>
<b>Vapor Density:</b> N/A
<b>Percent Volatile:</b> N/A
<b>Evaporation Rate:</b> N/A
<b>Flammable Limits in air % by volume:</b> Lel: N/A Uel: N/A
<b>Solubility in/ Miscibility with Water@20°C:</b> Appreciable >10%

### 10. Stability and reactivity

<b>Stability:</b> Stable
<b>Incompatibility:</b> Strong oxidizing agents, lithium, interhalogens (ex: bromine, trifluoride), iron, cement
<b>Conditions to Avoid:</b> N/A
<b>Hazardous Polymerization:</b> Will not occur
<b>Hazardous Decomposition:</b> Hydrogen chloride gas, Sodium oxides

**SAFETY DATA SHEET (SDS)***Saturated Sodium Chloride***11. Toxicological information****Acute toxicity:****LD/LC50 values that are relevant for classification:**

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**

**Revision B, June 2015**

*The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, we make no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, we will not be responsible for damages of any kind resulting from the use of or reliance upon such information. No representations, or warranties, either express or implied of merchantability fitness for a particular purpose or of any other nature made hereunder with respect to the information set forth herein or to the product which the information refers.*