



# Biochemical Diagnostics, Inc.

180 Heartland Blvd., Edgewood, NY 11717 • Phone (631) 595-9200 Fax (631) 595-9204

## MATERIAL SAFETY DATA SHEET

### GENERAL INFORMATION

**TRADE NAME:** Saline, pH 7.0

**Catalog Number:** 3506192-4  
3506193-2

**Part of Kits:** 3506261-1, 3506094-4  
3506301-2

**Chemical Name:** Sodium Chloride

**CAS #:** N/A

**Formula:** NaCl

### INGREDIENTS

**Components:** Sodium Chloride, Water

**Threshold Limit Values:** N/A

### PHYSICAL DATA

**Boiling Point:** 1413 C/2575 F

**Vapor Pressure:** <1 mmHg

**Vapor Density:** N/A

**Specific Gravity:** 1.008

**Percent Volatile:** 0%

**Evaporation Rate:** N/A

**Solubility H<sub>2</sub>O:** Appreciable >10%

**pH:** 7.0

**Appearance:** Clear solution

**Odor:** Odorless

**Melting Point:** 801 C/1473 F

### FIRE AND EXPLOSION HAZARD DATA

**Flammable Limits in air % by volume:**

**Lel:** N/A

**Uel:** N/A

**Flash Point:** N/A

**Auto Ignition Temp:** N/A

**Extinguishing Media:** Use extinguishing media appropriate for surrounding fire

**Special Fire Fighting Procedures:** Wear proper protective equipment w/SCBA

**Unusual Fire and Explosion Hazards:** None identified

### REACTIVITY DATA

**Stability:** Stable

**Conditions to Avoid:** None documented

**Incompatibility:** Strong oxidizing agent, lithium, interhalogens (ex: bromine, trifluoride), iron, cement.

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition:** Hydrogen chloride

**ENVIRONMENTAL PROTECTION PROCEDURES**

**Spill Response:** Wear suitable clothing. Absorb spilled material.

**Waste Disposal Method:** Dispose in accordance with state, local and federal regulations.

---

**SPECIAL PROTECTION INFORMATION**

**Eye Protection:** Safety goggles

**Skin Protection:** Gloves, Lab Coat

**Respiratory Protection:** None Required

**Ventilation:** Adequate ventilation

---

**SPECIAL PRECAUTIONS**

**Insert Precautions:** Store tightly capped in cool dry place.

**Contaminated Equipment Precautions:** Wash thoroughly with soap and water.

**Hygienic Handling and Storage:** Wash thoroughly with soap and water.

---

**EMERGENCY AND FIRST AID PROCEDURES:**

**Ingestion:** May be harmful if swallowed in large quantity.

**Inhalation:** No adverse health effects via inhalation.

**Skin Contact:** Wash immediately with soap and water.

**Eye Contact:** Rinse with copious amounts of water.

---

<b>Health:</b>	0	None
<b>Flammability:</b>	0	None
<b>Reactivity:</b>	0	None
<b>Contact:</b>	0	None

*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.*

Emergency Response - 1-800-255-3924