



Biochemical Diagnostics, Inc.

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MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

TRADE NAME: Sodium Chloride, saturated

Catalog Number: 3506211-4
3506210-6

Part of Kits: 3506095-2, 3506101-1, 3506112-6

Chemical Name: Sodium Chloride

CAS #: N/A

Formula: NaCl

INGREDIENTS

Components: Sodium Chloride:H₂O (30:70)

Threshold Limit Values: N/A

PHYSICAL DATA

Boiling Point: 1413 C/2575 F

Vapor Pressure: <1 mmHg

Vapor Density: N/A

Specific Gravity: 1.200

Percent Volatile: 0%

Evaporation Rate: N/A

Solubility H₂O: Appreciable >10%

pH: 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: N/A

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.

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