

SAFETY DATA SHEET (SDS)

Saline pH7

01. Product and Company Identification

Product Identifier:

Trade Name: Saline, pH 7.0
Chemical Name: Sodium Chloride Solution
Catalog Number: 35061924, 35061932
Kit Number: 35062611, 35060944, 35063012
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:

Skin irritation (Category 3) / Eye irritation (Category 2B)
Causes mild skin irritation. Causes eye irritation.

Label elements:

N/A

Signal word: Warning

Hazard statements:

H316 Causes mild skin irritation. H320 Causes eye irritation.

Precautionary statements:

P264 Wash skin thoroughly after handling.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P332+P313 IF SKIN IRRITATION OCCURS: Get medical advice/attention.

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: N/A to mixtures

Formula: Mixture of: Sodium Chloride, Potassium Phosphate Monobasic in Water

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04. First aid measures

Description of first aid measures:

Inhalation: Remove to fresh air.
Ingestion: Rinse mouth with water. If symptoms persist seek medical attention.
Skin Contact: Wash with soap and water. If symptoms persist consult a physician.
Eye Contact: Rinse with thoroughly with plenty of water for at least 15 minutes. If symptoms persist, seek medical attention.

05. Firefighting measures

Extinguishing media: Water, dry chemical, or carbon dioxide.

Special Fire Fighting Procedures: Standard firefighting procedure/gear.

Unusual Fire and Explosion Hazards: N/A

06. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment.

Environmental precautions:

N/A

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders) and remove.

Waste Disposal Method:

Dispose in accordance with state, local and federal regulations

07. Handling and storage

Handling:

Precautions for safe handling: Do not ingest. Do not breathe gas/fumes/ vapor/spray.

Information about protection against explosions and fires: N/A

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Keep container tightly closed.

Further information about storage conditions: Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F).

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: Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

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| | | |
|--|---|------------------------|
| Eye Protection: |  | Tightly sealed goggles |
| Skin Protection: | Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact | |
| 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. | | |
| Respiratory Protection: None required. | | |
| Ventilation: Keep vapor levels as low as possible, use adequate general or local exhaust. | | |

09. Physical and chemical properties

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|---|
| Appearance: |
| Form: Liquid |
| Color: Colorless |
| Odor: None |
| pH: 7.0 |
| Melting Point: 801C (1473F) |
| Boiling Point: 1413°C (2575°F) |
| Flash Point: N/A |
| Ignition temperature: N/A |
| Explosion limits: Lower: N/A Upper: N/A |
| Vapor Pressure @ 19°C: N/A |
| Specific Gravity @ 20°C (68°F): 1.008 g/cm ³ |
| 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: Completely soluble |

10. Stability and reactivity

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|--|
| Stability: Stable |
| Incompatibility: Strong oxidizing agents, lithium, interhalogens (ex: bromine, trifluoride), iron, cement |
| Conditions to Avoid: None documented. |
| Hazardous Polymerization: Will not occur |
| Hazardous Decomposition: Hydrogen chloride |

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11. Toxicological information

Acute toxicity:

LD/LC50 values that are relevant for classification: Potassium phosphate, monobasic

Oral LDL 4640 mg/kg (rat)

Dermal LD50 >4650 mg/kg (rabbit)

Potential health effects:

On the skin: May cause skin irritation.

On the eye: May cause eye irritation.

Ingestion: May cause irritation of digestive tract.

Inhalation: May cause respiratory tract and mucous membrane irritation.

Sensitization: No sensitizing effects known.

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

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