



Material Safety Data Sheet

MSDS Number: 1214283
Revision date: 01/04/2013
Print date: 01/04/2013

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 1214283
Product name: 0.9% Sodium Chloride Irrigation Solution
Product Codes: 2F7122, 2F7123, 2F7124, 2F7125
Synonyms: None
Chemical Family: Salt solution
Product Type: Irrigating solution
Container Information: Plastic bottle
Product Use: Pharmaceutical.

Supplier

BAXTER HEALTHCARE CORPORATION
DEERFIELD, ILLINOIS 60015
(800) 422-9837 or (224) 948-4770

Emergency telephone number PROSAR: USA (888) 990-0996 OUTSIDE USA (651)917-6114
CHEMTREC: USA (800) 424-9300 OUTSIDE USA (743)741-6089

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight %	UN Number:	Classification:
Sodium Chloride 7647-14-5	<1	None	Xi, R38
Water 7732-18-5	>99	None	None

3. HAZARDS IDENTIFICATION

Emergency overview: The product contains no substances which at their given concentration, are considered to be hazardous to health.

Principle routes of exposure: Inhalation. Ingestion. Eye contact. Skin.

Inhalation: Inhalation not likely under normal use conditions.

Ingestion: Not expected to be hazardous by ingestion.

Skin contact: Not expected to cause skin irritation.

Eye contact: Not expected to cause eye irritation.

4. FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.

Skin contact: Wash contaminated skin with soap and water. Get medical attention if irritation develops.

Product id: 1214283

Product name: 0.9% Sodium Chloride Irrigation
Solution

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately.

Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Notes to physician: Treat symptomatically and supportively.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Water
Special protective equipment for firefighters: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Specific methods: No information available.
Flash point: Not determined
Autoignition temperature: Not available.
Flammable limits
in air-lower (%): Not available.
Flammable limits
in air-upper (%): Not available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: In case of fire, stop leak if safe to do so Use suitable protective equipment (Section 8).

Environmental precautions: No information available.

Methods for cleaning up: For small spills add absorbent (soil may be used in the absence of other suitable materials) scoop up material and place in a sealed, liquid-proof container for disposal. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7. HANDLING AND STORAGE

Handling:
Technical measures/precautions: None

Storage:
Technical measures/conditions: Keep containers tightly closed in a cool, well-ventilated place. Store at room temperature 25 °C (77 °F). Avoid excessive heat.

Incompatible products : No special restrictions on storage with other products.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Component	OSHA- Time Weighted Average:	OSHA- Short Term Exposure Limit:	OSHA- Ceiling Limits	ACGIH- Time Weighted Average:	ACGIH- Short Term Exposure Limit:	ACGIH- Ceiling Limit Value:
Sodium Chloride 7647-14-5	None	None	None	None	None	None

Product id: 1214283

Product name: 0.9% Sodium Chloride Irrigation
Solution

Water 7732-18-5	None	None	None	None	None	None
--------------------	------	------	------	------	------	------

Engineering measures: No special containment is required.

Personal protective equipment:

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection: Not required.

Skin and body protection: Not required.

Eye protection: Eye protection not required for normal final product use. Safety glasses with side-shields are recommended for laboratory and manufacturing use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Appearance: Aqueous solution
Color: Colorless. Clear
Odor: Not available.
pH: 4.5-7.0
Molecular weight: Not applicable.
Boiling point/range: Not available.
Melting point/range: Not available.
Density: Not available.
Vapor pressure: Not available.
Evaporation rate: Not available.
Solubility: Not available.
Partition coefficient (n-octanol/water): Not available.
Viscosity: Not available.
% Volatile by Volume: Not available.

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.

Polymerization: Not applicable

Hazardous decomposition products: Not available.

Materials to avoid: None known

11. TOXICOLOGICAL INFORMATION

Component	LD50 Dermal	LC50 Inhalation	LD50 Oral
Sodium Chloride 7647-14-5	10 g/kg (rabbit)	42 g/m ³ (rat)	3 g/kg (rat)
Water 7732-18-5	-	-	90 mL/kg (rat)

Acute toxicity: None

Chronic toxicity: Not determined

Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Mutagenic effects: No mutagenicity studies have been conducted.

Reproductive toxicity: Reproductive studies have not been conducted on the product itself.

FDA Pregnancy Category C

12. ECOLOGICAL INFORMATION

Environmental properties:

Component	Ecotoxicity - Water Flea Data	Fish Species Ecotoxicity	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data
Sodium Chloride 7647-14-5	340.7 - 469.2 mg/L EC50 48 h 1000 mg/L EC50 48 h	4747-7824 mg/L LC50 Oncorhynchus mykiss 96 h 5560-6080 mg/L LC50 Lepomis macrochirus 96 h 6020-7070 mg/L LC50 Pimephales promelas 96 h 6420-6700 mg/L LC50 Pimephales promelas 96 h 12946 mg/L LC50 Lepomis macrochirus 96 h 7050 mg/L LC50 Pimephales promelas 96 h	None.	None.
Water 7732-18-5	None.	None.	None.	None.

Ecotoxicity effects: Not Available.

Bioaccumulation: D

13. DISPOSAL CONSIDERATIONS

Waste Classification: Not regulated.

Product id: 1214283

Product name: 0.9% Sodium Chloride Irrigation
Solution

Waste from residues / unused products:

Waste disposal must be in accordance with appropriate Federal, State, and local regulations.

14. TRANSPORT INFORMATION

DOT:

DOT shipping name: None
UN Number: None
DOT Packing Group: None
DOT Hazard class: None

TDG (Canada):

TDG Proper shipping name: None
TDG UN/NA Number: None
TDG Packing Group: None
TDG Hazard class: None

ADR/RID:

ADR Official Transport Name: None
ADR Proper shipping name: None
ADR UN/NA number: None
ADR Hazard Class: None

ICAO / IATA:

IATA Proper shipping name: None
IATA UN Number: None
IATA Primary Hazard: None
IATA Packing group: None
ICAO ERG Code: None

IMO / IMDG:

IMDG Proper Shipping Name: None
IMDG Hazard Class and Division: None
IMDG Packing Group: None
IMDG Subsidiary Risks: None

15. REGULATORY INFORMATION

U.S. Regulations:

TSCA Inventory List -

The product is exempt from TSCA, it is FDA Regulated

OTHER REGULATIONS:

Japanese Inventory (ENCS)

This product complies with JPENCS

Component	Weight %	RCRA Status:	CERCLA Reportable Quantity:	CERCLA/SARA - 302 Ext. haz. substances:	Listed as Sara 313 title III:
Sodium Chloride 7647-14-5	<1	Not Listed	Not Listed	Not Listed	Not Listed
Water 7732-18-5	>99	Not Listed	Not Listed	Not Listed	Not Listed

STATE REGULATIONS:

Component	California Prop. 65	Minnesota Right-To -Know:	Florida Right-to-Know Reporting List:	Rhode Island Right-to-Know List:	Massachusetts Right-to-Know List:	Pennsylvania Right-to-Know:	New Jersey Right-to-Know:
Sodium Chloride 7647-14-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Product id: 1214283

Product name: 0.9% Sodium Chloride Irrigation Solution

Water 7732-18-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
--------------------	------------	------------	------------	------------	------------	------------	------------

CANADIAN REGULATIONS:

Canada DSL Inventory List - This product complies with DSL

EU EINECS List - This product complies with EINECS

Risk Phrases:
NONE

Safety Phrases:
NONE

16. OTHER INFORMATION

This data sheet contains changes from the previous version in section(s)?:
Changes to Section 1.

Additional information:
Not Available.

Prepared by: Technology Resources, Baxter Healthcare Corporation

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of safety data sheet:

Product id: 1214283

Product name: 0.9% Sodium Chloride Irrigation
Solution