Baxter

Material Safety Data Sheet

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

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

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 Catagory 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.

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

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

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End of safety data sheet: