

Issuing Date: 02/19/2015

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product Identifier**

**MSDS Number:** 1237732  
**Product Name:** 0.45% Sodium Chloride Injection, USP

**Other means of identification**

**Product Code(s):** 2B1313Q, 2B1314, 2B1354, 2B1355, 2B1356, 2B1314X, 6E1313, 6E1314, 6E1356, NDC 0338-6333-03, NDC 0338-6333-04, NDC 0338-6333-02

**Synonyms:** None

**Recommended use of the chemical and restrictions on use**

**Product Use:** Pharmaceutical.  
**Product Type:** Injectable solution  
**Uses advised against** No information available

**Details of the supplier of the safety data sheet**

BAXTER HEALTHCARE CORPORATION  
DEERFIELD, ILLINOIS 60015  
(800) 933-0303

**Emergency telephone number**

Rocky Mountain Poison and Drug Center: USA (888) 990-0996  
OUTSIDE USA (303) 389-1422  
CHEMTREC: USA (800) 424-9300 OUTSIDE USA (743)741-6089

**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Label Elements****Emergency Overview**

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

**Hazards not otherwise classified (HNOC)****Other Information**

Unknown Acute Toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS-No	Weight-%
Sodium Chloride	7647-14-5	<1
Water	7732-18-5	>99

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#### 4. FIRST AID MEASURES

##### First Aid Measures

<b>General Advice</b>	Treat symptomatically and supportively.
<b>Eye contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops.
<b>Skin contact:</b>	Wash contaminated skin with soap and water. Get medical attention if irritation develops.
<b>Inhalation:</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms occur.
<b>Ingestion:</b>	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.

##### Most important symptoms and effects, both acute and delayed

No information available.

##### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### Specific hazards arising from the chemical

No information available.

##### Special protective equipment for firefighters

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

Follow all fire fighting procedures (Section 5). Use suitable protective equipment (Section 8).

##### Environmental Precautions

See Section 12 for environmental precautions.

##### Methods and material for containment and cleaning up

###### **Methods for Containment:**

If emergency personnel are unavailable, contain spilled material.

###### **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

##### Precautions for Safe Handling

**Technical measures/precautions:** None

##### Conditions for safe storage, including any incompatibilities

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

**Incompatible materials** No special restrictions on storage with other products.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

**Exposure Limits:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

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

### Appropriate engineering controls

**Engineering Measures** No special containment is required.

### Individual protection measures, such as personal protective equipment

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

**Hand protection** Not required.

**Skin and body protection** Not required.

**Respiratory protection:** No personal respiratory protective equipment normally required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical state:** Liquid  
**Appearance:** Aqueous solution  
**Color:** Clear, Colorless.  
**Odor:** Not available  
**Odor Threshold:** No information available  
**pH:** 5.0 - 7.0  
**Melting point / melting range:** Not available  
**Boiling point / boiling range:** Not available  
**Flash point:** Not determined  
**Evaporation rate:** Not available  
**Flammability (solid, gas):** No information available  
**Flammable limits in air-upper (%):** Not available.  
**Flammable limits in air-lower (%):** Not available.  
**Vapor pressure:** Not available  
**Vapor Density:** No information available  
**Density:** Not available  
**Solubility:** Not available  
**Partition coefficient (n-octanol/water):** Not available

Autoignition temperature: Not available.  
Decomposition Temperature: No information available  
Viscosity: Not available  
Explosive Properties: No information available  
Oxidizing Properties: No information available

**Other Information****10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical Stability**

Stable under recommended storage conditions

**Possibility of Hazardous Reactions**

None under normal processing

**Conditions to Avoid**

Do not freeze.

**Incompatible materials**

None known

**Hazardous Decomposition Products**

No data available

**11. TOXICOLOGICAL INFORMATION**

Component	Inhalation LC50	Dermal LD50	Oral LD50
Sodium Chloride 7647-14-5	> 42 g/m <sup>3</sup> ( Rat ) 1 h	> 10 g/kg ( Rabbit )	= 3 g/kg ( Rat )
Water 7732-18-5	-	-	> 90 mL/kg ( Rat )

**Information on likely routes of exposure**

**Inhalation:** Inhalation not likely under normal use conditions.  
**Eye contact:** Not expected to cause eye irritation.  
**Skin contact:** Not expected to cause skin irritation.  
**Ingestion:** Not expected to be hazardous by ingestion.

**Information on Toxicological Effects**

**Symptoms:** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Irritation:** Not classified.  
**Corrosivity:** Not classified.  
**Sensitization:** Not classified.

Mutagenic effects: Not classified

Carcinogenic effects: Not classified

Component	ACGIH	IARC	NTP	OSHA
Sodium Chloride 7647-14-5	-	-	-	-
Water 7732-18-5	-	-	-	-

Reproductive toxicity: Not classified

STOT - single exposure: Not classified.

STOT - repeated exposure: Not classified.

Aspiration Hazard: Not classified.

#### Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0 % of the mixture consists of ingredient(s) of unknown toxicity

## 12. ECOLOGICAL INFORMATION

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	5560 - 6080 mg/L LC50 Lepomis macrochirus 96 h 12946 mg/L LC50 Lepomis macrochirus 96 h 6020 - 7070 mg/L LC50 Pimephales promelas 96 h 7050 mg/L LC50 Pimephales promelas 96 h 6420 - 6700 mg/L LC50 Pimephales promelas 96 h 4747 - 7824 mg/L LC50 Oncorhynchus mykiss 96 h	None.	None.
Water 7732-18-5	None.	None.	None.	None.

#### Ecotoxicity

No information available

0 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

#### Persistence and degradability

No information available.

#### Bioaccumulative potential

No information available

**Mobility in soil**

No information available

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Waste from residues/unused products** In accordance with local and national regulations

**Contaminated Packaging** In accordance with local and national regulations.

**14. TRANSPORT INFORMATION****DOT**

Not regulated

**15. REGULATORY INFORMATION****U.S. Regulations:****TSCA Inventory List -**

The product is exempt from TSCA, it is FDA Regulated

**OTHER REGULATIONS:**

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

**16. OTHER INFORMATION**

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**This data sheet contains changes from the previous version in section(s):**

New GHS format. Changes to Section 1.

**Additional information:**

Not Available.

**Prepared by** Baxter Research & Development

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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**