

SAFETY DATA SHEET

Issuing Date: 09/08/2017 Revision Date: 09/08/2017

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

SDS Number: BXU515192

Product Name: 5% Dextrose and 0.45% Sodium Chloride Injection, USP

Other means of identification

Product Code(s): 2B1074, 2B1073, 2B1072, 6E1073, 6E1074, NDC 0338-0085-04, NDC

0338-0085-03, NDC 0338-6308-02, NDC 0338-6308-03, NDC 0338-6308-04

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

1 BAXTER PARKWAY DEERFIELD, ILLINOIS 60015

US: (800) 933-0303 Canada: (855)-584-1368

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-%

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Dextrose, anhydrous	50-99-7	5
Sodium Chloride	7647-14-5	<1
Water	7732-18-5	>94

4. FIRST AID MEASURES

First Aid Measures

General Advice Treat symptomatically and supportively.

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

medical attention if irritation develops.

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

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is

difficult, give oxygen. Get medical attention if symptoms occur.

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.

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

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°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:
Dextrose, anhydrous 50-99-7	None	None	None	None	None	None
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

Aqueous solution Appearance: Clear, Colorless. Color:

No information available Odor: No information available **Odor Threshold:**

3.2-6.5 pH: Melting point / melting range: No information available Boiling point / boiling range: No information available Flash point: No information available **Evaporation rate:** No information available Flammability (solid, gas): No information available Flammable limits No information available

in air-upper (%):

Flammable limits No information available

in air-lower (%):

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Vapor pressure:No information availableVapor Density:No information availableDensity:No information availableSolubility:No information availablePartition coefficientNo information available

(n-octanol/water):

Autoignition temperature:

Decomposition Temperature:

Viscosity:

Explosive Properties:

Oxidizing Properties:

No information available
No information available
No information available
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. Avoid excessive heat.

Incompatible materials

None known

Hazardous Decomposition Products

No data available

11. TOXICOLOGICAL INFORMATION

Component	Inhalation LC50	Dermal LD50	Oral LD50
Dextrose, anhydrous 50-99-7	-	-	= 25800 mg/kg (Rat)
Sodium Chloride 7647-14-5	42 g/m³ 1 h (Rat)	> 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.

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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
Dextrose, anhydrous 50-99-7	-	-	-	-
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	Flea Data Ecotoxicity		Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data	
Dextrose, anhydrous 50-99-7	None.	None.	None.	None.	
Sodium Chloride 7647-14-5	1000 mg/L EC50 48 h 340.7 - 469.2 mg/L EC50 48 h	4747 - 7824 mg/L LC50 Oncorhynchus mykiss 96 h 12946 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 5560 - 6080 mg/L LC50 Lepomis macrochirus 96 h 7050 mg/L LC50 Pimephales promelas 96 h		None.	

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Water	None.	None.	None.	None
7722 10 5	140116.	None.	inone.	None.
1132-10-0				

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

Contaminated Packaging

In accordance with local and national regulations

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:
Dextrose, anhydrous 50-99-7	5	Not Listed	Not Listed	Not Listed	Not Listed
Sodium Chloride 7647-14-5	<1	Not Listed	Not Listed	Not Listed	Not Listed
Water 7732-18-5	>94	Not Listed	Not Listed	Not Listed	Not Listed

STATE REGULATIONS:

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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:
Dextrose, anhydrous 50-99-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
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

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

None

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