

Issuing Date: 28-Mar-2017

Revision Date: 18-May-2022

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

SDS Number: 1278126
Product Name: PrismaSol, PrismaSOL 0, PrismaSOL 2, PrismaSOL 4, PrismaSATE and Prism0CAL (Compartment A)

Other means of identification

Product Code(s): 113881, 113882, 113883, 113925, 113924, 115633, 113923, 113921, 113286, 113920, 113922, 110244, 110243, 110242, 110240, 115001, 110239, 110241, 113915, 113918, 113914, 113919, 113916, 113917, 105353, 107580, 105351, 110411, 106957, 107501, 109246, 113884

Synonyms: PrismaSATE BGK2/0, BGK2/3.5, BGK4/3.5, BGK4/2.5, BGK0/2.5, B22GK4/0, BK0/0/1.2, BGK4/0/1.2
Prism0CAL BK0/3.5, BK2/0, BGK2/0, BGK4/0/1.2, BGK4/2.5, B22GK4/0

Recommended use of the chemical and restrictions on use

Product Use: Pharmaceutical.
Product Type: Regulated Prescription Drug
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

Verisk 3E Global Incident Response Hotline +1 760 476 3962; Access Code 335625

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

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation

Category 2B

Label Elements**Emergency Overview****Warning****Hazard Statements**

Causes eye irritation

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Hazards not otherwise classified (HNOC)

Other Information

Unknown Acute Toxicity

5.88 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Sodium Bicarbonate	144-55-8	1-6
Glucose	50-99-7	1-5
Lactic Acid	50-21-5	<1
Calcium Chloride, Dihydrate	10035-04-8	<1
Magnesium chloride, hexahydrate	7791-18-6	<1
Water	7732-18-5	>90

4. FIRST AID MEASURES

Description of 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.

Skin contact:

In case of contact, immediately flush skin with plenty of 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

Causes eye irritation.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. See patient package insert in shipping carton for complete information.

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

Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Follow all fire fighting procedures (Section 5).

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: Avoid eye contact. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Keep containers tightly closed in a cool, well-ventilated place. Store between 4 to 30°C (39.2 to 86°F). Protect from freezing. 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.

Chemical Name	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 Bicarbonate 144-55-8	None	None	None	None	None	None
Glucose 50-99-7	None	None	None	None	None	None
Lactic Acid 50-21-5	None	None	None	None	None	None
Calcium Chloride, Dihydrate 10035-04-8	None	None	None	None	None	None
Magnesium chloride, hexahydrate 7791-18-6	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. Good general ventilation should be sufficient to control airborne levels.

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 Use chemical resistant, impervious gloves.

Skin and body protection Work uniform or laboratory coat.

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:	No information available
Odor Threshold:	No information available
pH:	No information available
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 (%):	
Vapor pressure:	No information available
Vapor density	No information available
Density:	No information available
Solubility:	Soluble in water.
Partition coefficient	No information available
(n-octanol/water):	
Autoignition temperature:	No information available
Decomposition temperature	No information available
Viscosity:	No information 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 use conditions

Conditions to Avoid

Do not freeze. Avoid excessive heat.

Incompatible materials

None known

Hazardous decomposition products

No data available

11. TOXICOLOGICAL INFORMATION

Chemical Name	Inhalation LC50	Dermal LD50	Oral LD50
Sodium Bicarbonate 144-55-8	-	-	= 4220 mg/kg (Rat)
Glucose 50-99-7	-	-	= 25800 mg/kg (Rat)
Lactic Acid 50-21-5	7.94 mg/L 4 h (Rat)	> 2 g/kg (Rabbit)	= 3543 mg/kg (Rat)
Calcium Chloride, Dihydrate 10035-04-8	-	-	-
Magnesium chloride, hexahydrate 7791-18-6	-	-	= 8100 mg/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:	Irritating to eyes.
Skin contact:	May cause skin irritation.
Ingestion:	May irritate digestive tract. Gastrointestinal effects (may include nausea, upset stomach, loss of appetite). Fluid imbalance (increased fluid volume, electrolyte imbalance). Metabolic alkalosis.

Information on Toxicological Effects

Symptoms: No information available.

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

Irritation:	Causes eye irritation.
Corrosivity:	Not classified.
Sensitization:	Not classified.
Mutagenic effects:	Not classified.
Carcinogenic effects:	Not classified.

Chemical Name	ACGIH	IARC	NTP	OSHA
Sodium Bicarbonate 144-55-8	-	-	-	-
Glucose 50-99-7	-	-	-	-
Lactic Acid 50-21-5	-	-	-	-
Calcium Chloride, Dihydrate 10035-04-8	-	-	-	-
Magnesium chloride, hexahydrate 7791-18-6	-	-	-	-
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 5.88 % of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 71769 mg/kg

ATEmix (inhalation-vapor) 500 mg/L

12. ECOLOGICAL INFORMATION

Chemical Name	Ecotoxicity - Water Flea Data	Fish Species Ecotoxicity	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data
Sodium Bicarbonate 144-55-8	2350 mg/L EC50 48 h	8250 - 9000 mg/L LC50 Lepomis macrochirus 96 h	650 mg/L 120 h	None.
Glucose 50-99-7	None.	None.	None.	None.
Lactic Acid 50-21-5	None.	None.	None.	None.
Calcium Chloride, Dihydrate 10035-04-8	None.	None.	None.	None.
Magnesium chloride, hexahydrate 7791-18-6	None.	None.	None.	None.
Water 7732-18-5	None.	None.	None.	None.

Ecotoxicity

No information available

1.42 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulative potential

Bioaccumulative potential

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

Environmental hazard Not applicable
Special Provisions None

15. REGULATORY INFORMATION

U.S. Regulations:

TSCA Inventory List - The product is exempt from TSCA, it is FDA Regulated

OTHER REGULATIONS:

Chemical Name	Weight-%	RCRA Status:	CERCLA Reportable Quantity:	CERCLA/SARA - 302 Ext. haz. substances:	Listed as Sara 313 title III:
Sodium Bicarbonate 144-55-8	1-6	Not Listed	Not Listed	Not Listed	Not Listed
Glucose 50-99-7	1-5	Not Listed	Not Listed	Not Listed	Not Listed
Lactic Acid 50-21-5	<1	Not Listed	Not Listed	Not Listed	Not Listed
Calcium Chloride, Dihydrate 10035-04-8	<1	Not Listed	Not Listed	Not Listed	Not Listed
Magnesium chloride, hexahydrate 7791-18-6	<1	Not Listed	Not Listed	Not Listed	Not Listed
Water 7732-18-5	>90	Not Listed	Not Listed	Not Listed	Not Listed

STATE REGULATIONS:

Chemical Name	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 Bicarbonate 144-55-8	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Glucose 50-99-7	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Lactic Acid 50-21-5	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Calcium Chloride, Dihydrate 10035-04-8	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Magnesium chloride, hexahydrate 7791-18-6	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 does not comply with DSL

16. OTHER INFORMATION

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

Changes to Section 2.

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