

Material Safety Data Sheet

MSDS Number: 1123255
Revision date: 03/27/2011
Print date: 03/27/2011

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 1123255
Product name: DOPamine Hydrochloride and 5% Dextrose Injection, USP
Product Codes: 2B0832, 2B0833, 2B0842, 2B0843, 2B0846, NDC 0338-1005-02, NDC 0338-1007-02, NDC 0338-1005-03, NDC 0338-1009-02, NDC 0338-1007-03
Synonyms: None
Chemical Family: Cardiovascular drug
Product Type: Regulated Prescription Drug
Container Information: Flexible plastic bag.
Product Use: Pharmaceutical.

Supplier

BAXTER HEALTHCARE CORPORATION
DEERFIELD, ILLINOIS 60015
(800) 422-9837 or (847) 948-4770

Emergency telephone number PROSAR: USA (888) 990-0996 OUTSIDE USA (615)917-6114
CHEMTREC: USA (800) 424-9300 OUTSIDE USA (743)741-6089

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight %	UN Number:	Classification:
Dopamine Hydrochloride 62-31-7	0.08-0.32	None	None
Dextrose 5996-10-1	4-6	None	None
Water 7732-18-5	>94	None	None
Sodium Bisulfite 7631-90-5	<0.1	None	Xn; R22 R31

3. HAZARDS IDENTIFICATION

Emergency overview: Irritation potential to skin, eyes, and mucous membranes. Avoid skin contact. Avoid eye contact. Wash thoroughly after handling. May cause allergic reactions.

Principle routes of exposure: Absorbed through skin. Eye contact. Ingestion.

Inhalation: Inhalation not likely under normal use conditions.

Ingestion: Cardiovascular effects (may include fluctuations in heart rate, changes in blood pressure, chest pain). Respiratory effects (may include shortness of breath, bronchospasms, laryngospasms, respiratory depression). Gastrointestinal effects (may include nausea, upset stomach, loss of appetite). Nervous system effects (headache, dizziness, light headedness). Hypersensitivity (may include drug fever, rash, itching, anaphylaxis).

3. HAZARDS IDENTIFICATION

Skin contact: May cause skin irritation.

Eye contact: Irritating to eyes.

4. FIRST AID MEASURES

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention.

Skin contact: In case of contact, immediately flush skin with plenty of 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.

Notes to physician: See patient package insert in shipping carton for complete information.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Use foam or all purpose dry chemicals to extinguish.
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	Not available.
In air-lower (%):	
Flammable limits	
in air-upper (%):	Not available.

6. ACCIDENTAL RELEASE MEASURES

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

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: Avoid skin contact. Avoid eye contact. Wash thoroughly after handling.

Storage:

Technical measures Store at room temperature 25 °C (77 °F). Avoid excessive heat. Protect from freezing.
/Storage conditions:

7. HANDLING AND STORAGE

Incompatible products: Alkalies. Oxidizing agents. Iron salts.

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:
Dopamine Hydrochloride 62-31-7	None	None	None	None	None	None
Dextrose 5996-10-1	None	None	None	None	None	None
Water 7732-18-5	None	None	None	None	None	None
Sodium Bisulfite 7631-90-5	None	None	None	5 mg/m ³	None	None

Engineering measures: No special containment is required. Good general ventilation should be sufficient to control airborne levels.

Personal protective equipment:

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection: Use chemical resistant, impervious gloves.

Skin and body protection: Work uniform or laboratory coat. Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.

Eye protection: Safety glasses with side-shields. Goggles, face shield, or other full-face protection if potential exists for direct exposure to aerosols or splashes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Appearance: Aqueous solution
Color: Clear
Odor: Not available.
pH: 2.5 - 4.5
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: Soluble in water.
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: Alkalies. Oxidizing agents. Iron salts.

11. TOXICOLOGICAL INFORMATION

Component	LD50 Dermal	LC50 Inhalation	LD50 Oral
Dopamine Hydrochloride 62-31-7	-	-	2859 mg/kg (rat)
Dextrose 5996-10-1	-	-	-
Water 7732-18-5	-	-	90 mL/kg (rat)
Sodium Bisulfite 7631-90-5	-	-	1420 mg/kg (rat)

Acute toxicity: Cardiovascular effects (may include fluctuations in heart rate, changes in blood pressure, chest pain). Respiratory effects (may include shortness of breath, bronchospasms, laryngospasms, respiratory depression). Gastrointestinal effects (may include nausea, upset stomach, loss of appetite). Nervous system effects (headache, dizziness, light headedness). Hypersensitivity (may include drug fever, rash, itching, anaphylaxis).

Chronic toxicity: No data is available on the product itself.

Carcinogenic effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH. No data is available on the product itself.

Mutagenic effects: May be mutagenic. See patient package insert for additional information.

Reproductive toxicity: May impair fertility based on animal data. May be fetotoxic based on animal data.

FDA Pregnancy Category C

12. ECOLOGICAL INFORMATION

Environmental properties:

Component	Ecotoxicity - Water Flea Data	Fish Species Ecotoxicity	Ecotoxicity - Freshwater Algae Data	Ecotoxicity - Microtox Data
Dopamine Hydrochloride 62-31-7	None.	None.	None.	None.
Dextrose 5996-10-1	None.	None.	None.	None.

12. ECOLOGICAL INFORMATION

Water 7732-18-5	None.	None.	None.	None.
Sodium Bisulfite 7631-90-5	119 mg/L EC50 48 h	240 mg/L LC50 Gambusia affinis 96 h	None.	None.

Ecotoxicity effects: No data available

Bioaccumulation: No data available

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 does not comply with JPENCS

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Dextrose Injection, USP

15. REGULATORY INFORMATION

Component	Weight %	RCRA Status:	CERCLA Reportable Quantity:	CERCLA/SARA - 302 Ext. haz. substances:	Listed as Sara 313 title III:
Dopamine Hydrochloride	0.08-0.32	Not Listed	Not Listed	Not Listed	Not Listed
Dextrose	4-6	Not Listed	Not Listed	Not Listed	Not Listed
Water	>94	Not Listed	Not Listed	Not Listed	Not Listed
Sodium Bisulfite	<0.1	Not Listed	5000 lb 2270 kg	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:
Dopamine Hydrochloride	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Dextrose	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Water	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Sodium Bisulfite	Not Listed	Present	Not Listed	Present	Present	Present	Present

CANADIAN REGULATIONS:

Canada DSL Inventory List - This product does not comply with DSL

EU EINECS List - This product does not comply with EINECS

Risk Phrases:
NONE

Safety Phrases:
NONE

16. OTHER INFORMATION

This data sheet contains changes from the previous version in section(s)?:
New MSDS format. Changes to Section 8.

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:

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Dextrose Injection, USP