

Material
Safety
Data
Sheet



Common Name: DOPAMINE HYDROCHLORIDE AND 5% DEXTROSE INJECTION, USP

Manufacturer: BAXTER HEALTHCARE

Revision: 3/25/1997

MFG. NAME: BAXTER HEALTHCARE
TRADE NAME: DOPAMINE HYDROCHLORIDE AND 5% DEXTROSE INJECTION, USP
REV DATE: 03/25/97
CAS#: 5996-10-1
MFG. PROD. #: 2B0832, 2B0833, 2B0842, 2B0843, 2B0846
START_MSDS

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 5/01/96
DATE REVISED: 3/25/97

MSDS NO.: IVSOF018

PRODUCT NAME: DOPAMINE HYDROCHLORIDE AND 5% DEXTROSE INJECTION, USP

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: DOPAMINE HYDROCHLORIDE AND 5% DEXTROSE INJECTION, USP

PRODUCT CODES: 2B0832, 2B0833, 2B0842, 2B0843, 2B0846

DESCRIPTION: A HEART DRUG IN WATER WITH ADDED SUGAR.

PRODUCT USE:
REGULATED PRESCRIPTION DRUG USED INTRAVENOUSLY IN HUMANS.

USER CODE/IDENTIFICATION:

MANUFACTURER:
BAXTER HEALTHCARE CORPORATION
ONE BAXTER PARKWAY
DEERFIELD, IL 60015 USA

TELEPHONE: 1-800-933-0303 (8-5 PM; M-F)

FOR EMERGENCY INFORMATION CONTACT:
1-800-228-5635 (USA)

612-221-3096 (OUTSIDE USA)

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT (SYNONYM) CAS NO. PERCENTAGE (% W/V) EXPOSURE
LIMIT**

WATER 7732-18-5 >94 NONE

DEXTROSE, HYDROUS,
USP 5996-10-1 5 NONE

*DOPAMINE HYDROCHLORIDE,

USP 62-31-7 0.08-0.32 NONE

SODIUM BISULFITE 7631-90-5 0.05 NONE

*PHARMACOLOGICALLY ACTIVE DRUG SUBSTANCE.

**LIMIT ESTABLISHED BY ACGIH AND NIOSH.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

NONVOLATILE, NONFLAMMABLE MIXTURE IN WATER PACKAGED IN SMALL QUANTITIES (APPROXIMATELY 1 OR 2 CUPS, OR 250 OR 500 ML).

POTENTIAL HEALTH EFFECTS:

ALLERGY (RARE):

GET MEDICAL ATTENTION IMMEDIATELY. (SEE TOXICOLOGY SECTION 11). EXCEPT FOR ALLERGY, HEALTH EFFECTS ARE NOT CHRONIC OR CUMULATIVE.

EYE CONTACT:

NONIRRITANT. NO CUMULATIVE EFFECTS REPORTED.

INGESTION:

NOT HAZARDOUS BY INGESTION IN SMALL QUANTITIES.

INHALATION:

INHALATION NOT LIKELY UNDER NORMAL USE CONDITIONS. ASPIRATION HAZARD LIKE THAT OF WATER.

SKIN ABSORPTION:

SKIN ABSORPTION UNLIKELY UNDER NORMAL CONDITIONS OF USE.

SKIN CONTACT:

NONIRRITANT.

CARCINOGEN STATUS:

OSHA: NOT LISTED.

NTP: NOT LISTED

IARC: NOT LISTED

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

NOT APPLICABLE FROM ACCIDENTAL EXPOSURE.

4. FIRST AID MEASURES

ALLERGY (RARE): GET MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT:

RINSE WITH WATER OR NORMAL SALINE.

INGESTION:

NOT HARMFUL IF ACCIDENTALLY INGESTED IN SMALL QUANTITIES.

INHALATION:

NONVOLATILE LIQUID. TREAT FOR ASPIRATION OF WATER.

SKIN CONTACT:

NONHAZARDOUS. WASH AFFECTED AREA WITH SOAP OR MILD DETERGENT AND WATER. REMOVE AND LAUNDER OR CLEAN CONTAMINATED CLOTHING AND SHOES.

5. FIRE FIGHTING MEASURES

NONFLAMMABLE WATER SOLUTION.

6. ACCIDENTAL RELEASE MEASURES

THIS PRODUCT IS A NONHAZARDOUS WASTE WHEN SPILLED OR DISPOSED OF, AS DEFINED IN RESOURCE CONSERVATION RECOVERY ACT (RCRA) REGULATIONS (40 CFR 261).

7. HANDLING AND STORAGE

STORE UNDER THE FOLLOWING CONDITIONS:
STORE AT ROOM TEMPERATURE (25 DEG. C).
AVOID EXCESSIVE HEAT; BRIEF EXPOSURE UP TO 40 DEG. C DOES NOT ADVERSELY AFFECT THE PRODUCT.
AVOID CONTACT WITH ALKALIES (INCLUDING SODIUM BICARBONATE), OXIDIZING AGENTS, OR IRON SALTS.
USE WITHIN THE EXPIRATION DATE ON PACKAGE.
PROTECT FROM FREEZING.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

NOTE:
PHARMACY PERSONNEL SHOULD USE ASEPTIC TECHNIQUE TO PREVENT CONTAMINATION OF STERILE SOLUTION.

CLOTHING:
NO PROTECTIVE CLOTHING IS REQUIRED UNDER NORMAL CONDITIONS OF USE.

EYE PROTECTION:
NO EYE PROTECTION IS REQUIRED UNDER NORMAL CONDITIONS OF USE.

GLOVES:
NO PROTECTIVE GLOVES ARE REQUIRED UNDER NORMAL CONDITIONS OF USE.

RESPIRATORY PROTECTION:
NO RESPIRATORY PROTECTION NEEDED UNDER NORMAL USE CONDITIONS.

SKIN PROTECTION:
NO SKIN PROTECTION NEEDED UNDER NORMAL USE CONDITIONS.

VENTILATION:
NO ADDITIONAL VENTILATION SHOULD BE REQUIRED UNDER NORMAL CONDITIONS OF USE.

EXPOSURE GUIDELINES OR LIMITS:
NO OCCUPATIONAL EXPOSURE LIMITS ESTABLISHED BY ACGIH OR NIOSH.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:
COLORLESS TO SLIGHTLY YELLOW LIQUID.

UNIT SIZE:
APPROXIMATELY 1 OR 2 CUPS, 250 OR 500 ML.

BOILING POINT: NOT ESTABLISHED

FREEZING POINT: NOT ESTABLISHED

VAPOR PRESSURE: NOT ESTABLISHED

SPECIFIC GRAVITY: NOT ESTABLISHED

SOLUBILITY IN WATER: SOLUBLE

PH: 2.5 TO 4.5

OSMOLALITY: 281 - 286 MOSMOL/L

10. STABILITY AND REACTIVITY

THIS PRODUCT IS STABLE THROUGH THE EXPIRATION DATE LISTED ON THE PACKAGE USING RECOMMENDED STORAGE CONDITIONS (SEE SECTION 7).

HAZARDOUS POLYMERIZATION: DATA NOT AVAILABLE.

INCOMPATIBILITIES (SPECIFIC MATERIALS TO AVOID):
STRONGLY ALKALINE SOLUTIONS; OXIDIZING AGENTS; IRON SALTS.

11. TOXICOLOGICAL INFORMATION

SEE PATIENT PACKAGE INSERT IN SHIPPING CARTON FOR COMPLETE INFORMATION. ADVERSE AND OVERDOSE EFFECTS IN HUMANS: THE FOLLOWING SIDE/ADVERSE EFFECTS HAVE BEEN SELECTED ON THE BASIS OF THEIR POTENTIAL CLINICAL SIGNIFICANCE AND ARE NOT NECESSARILY INCLUSIVE.

GET MEDICAL ATTENTION

ALLERGIC REACTION: DIFFICULTY BREATHING, ITCHING, SKIN RASH, SWELLING OF SKIN. SEVERE INCREASE OR DECREASE IN HEART RATE OR BLOOD PRESSURE.

MAY REQUIRE MEDICAL ATTENTION IF BOTHERSOME:

HEADACHES, NAUSEA OR VOMITING, NERVOUSNESS OR RESTLESSNESS, OR EXCESSIVE URINE PRODUCTION. IRRITATING REACTION AT SITE OF INFUSION.

SEE REFERENCES IN SECTION 16.

12. ECOLOGICAL INFORMATION

BASED ON CHEMICAL COMPOSITION, INDIVIDUAL UNITS OF THIS PRODUCT CAN BE TREATED IN AN ACCLIMATIZED BIOLOGICAL WASTE TREATMENT PLANT SYSTEM. CONSULT YOUR LOCAL POTW OR WASTEWATER TREATMENT PLANT SUPERVISOR FOR MORE INFORMATION.

ENVIRONMENTAL IMPACT RATING (0-4): NO DATA

ACUTE AQUATIC TOXICITY: NO DATA

DEGRADABILITY: NO DATA

LOG BIOCONCENTRATIONS FACTOR: DATA NOT AVAILABLE.

LOG OCTANOL/WATER PARTITION COEFFICIENT: APPROX. THAT OF WATER

CODE BOD5 (MG/L) COD (MG/L)

2B0832 25,675 56,851

2B0842 28,900 45,600

2B0843 26,475 48,597

2B0846 27,400 48,615

13. DISPOSAL CONSIDERATIONS**SOLUTION:**

MOST INTRAVENOUS SOLUTIONS CAN BE DISPOSED OF DOWN THE DRAIN WITH APPROVAL FROM THE LOCAL, PUBLICLY OWNED TREATMENT WORKS, BASED ON THE DATA PROVIDED IN SECTION 12. ADMIXTURES WITH CYTOTOXIC DRUGS OR OTHER DRUG MATERIALS MAY REQUIRE ADDITIONAL TREATMENT PRIOR TO DISPOSAL. ALWAYS CONSULT THE PUBLICLY OWNED TREATMENT SYSTEM IN YOUR AREA OR YOUR SEWAGE TREATMENT PLANT OPERATOR PRIOR TO DISPOSING OF THIS, OR ANY OTHER MATERIALS, IN THE LOCAL DRAINS. THIS PRODUCT IS NOT CONSIDERED A HAZARDOUS WASTE PER 40CFR 261.20-24, HOWEVER, PLEASE BE ADVISED THAT STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL MAY BE MORE RESTRICTIVE OR OTHERWISE DIFFERENT FROM FEDERAL REGULATIONS.

PLASTIC CONTAINER:

MAY BE DISPOSED AS REGULAR WASTE UNLESS CONTAMINATED WITH INFECTIOUS MATERIALS, BLOOD BORNE PATHOGENS OR CYTOTOXIC (CANCER) DRUGS.

14. TRANSPORT INFORMATION

THIS PRODUCT CANNOT BE SHIPPED WITH HAZARDOUS MATERIALS.
DOT HAZARDOUS MATERIAL REGULATIONS DO NOT APPLY TO THIS PRODUCT.

TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION:

DOT SHIPPING NAME: NOT APPLICABLE
DOT HAZARD CLASS: NOT APPLICABLE
UN/NA NUMBER: NOT APPLICABLE
PRODUCT RQ (LBS): NOT APPLICABLE
DOT LABEL: NOT APPLICABLE
DOT PLACARD NOT APPLICABLE
FREIGHT CLASS BULK NOT APPLICABLE
FREIGHT CLASS PACKAGE: NOT APPLICABLE
PRODUCT LABEL: NOT APPLICABLE

15. REGULATORY INFORMATION**FEDERAL REGULATORY INFORMATION:**

CERCLA SECTION 103 (40 CFR 302.4), REPORTABLE QUANTITY NON-APPLICABLE
CERCLA/SUPERFUND (40 CFR 117.302) NON-APPLICABLE
OSHA PROCESS SAFETY (29 CFR 1910.119) NON-APPLICABLE

RCRA STATUS:

IF DISCARDED IN ITS PURCHASED FORM, THIS PRODUCT WOULD NOT BE A HAZARDOUS WASTE EITHER BY LISTING OR BY CHARACTERISTIC. HOWEVER, UNDER RCRA, IT IS THE RESPONSIBILITY OF THE PRODUCT USER TO DETERMINE AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS A HAZARDOUS WASTE. (40 CFR 261.20-24)

SARA SECTION 302 (40 CFR 355.30), EXTREMELY HAZARDOUS SUBSTANCES
NON-APPLICABLE
SARA SECTION 304 (40 CFR 355.40) NON-APPLICABLE
SARA HAZARD CATEGORIES, TITLE III SECTIONS 311 AND 312 (40 CFR 370.21)
ACUTE HAZARD NO
CHRONIC HAZARD NO
FIRE HAZARD NO
REACTIVITY HAZARD NO
SUDDEN RELEASE HAZARD NO
SARA SECTION 313 (40 CFR 370.65), TOXIC CHEMICALS NON-APPLICABLE
TSCA STATUS NOT IN INVENTORY

STATE REGULATORY INFORMATION:

CALIFORNIA PROPOSITION 65 NOT ON LIST

OTHER STATES: MAY BE MORE RESTRICTIVE OR OTHERWISE DIFFERENT.

16. OTHER INFORMATION

PATIENT PACKAGE INSERTS, WHICH DESCRIBE DOPAMINE HYDROCHLORIDE AND 5% DEXTROSE INJECTION, USP ARE PROVIDED WITH EACH SHIPPING CARTON OF PRODUCT.

MEDICAL INFORMATION ON THE USE OF THIS PRODUCT IS CONTAINED IN:
UNITED STATES PHARMACOPEIA DRUG INFORMATION. PUBLISHED ANNUALLY.
VOL. 1. DRUG INFORMATION FOR THE HEALTH CARE PROFESSIONAL.
VOL. 2. ADVICE FOR THE PATIENT. DRUG INFORMATION IN LAY LANGUAGE.
VOL. 3. APPROVED DRUG PRODUCTS AND LEGAL REQUIREMENTS.
PUBLISHER: UNITED STATES PHARMACOPEIAL CONVENTION, INC., 12601
TWINBROOK PARKWAY, ROCKVILLE, MD 20852 USA
TEL: 301-816-8337 FAX: 301-816-8373

HANDBOOK ON INJECTABLE DRUGS, TRISSEL, LA, AUTHOR. PUBLISHED ANNUALLY.
PUBLISHER: AMERICAN SOCIETY OF HOSPITAL PHARMACISITS, INC., 7272 WISCONSIN
AVE., BETHESDA, MD 20814 USA

AMA DRUG EVALUATIONS. PUBLISHED ANNUALLY.
PUBLISHER: AMERICAN MEDICAL ASSOCIATION, DIVISION OF DRUGS, CHICAGO, IL USA

ABBREVIATIONS:

CERCLA: COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY
ACT. ADMINISTERED BY EPA.
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION, US DEPARTMENT OF LABOR
WHICH REGULATES WORKPLACE CONDITIONS.
RCRA: RESOURCE CONSERVATION AND RECOVERY ACT. ADMINISTERED BY EPA.
SARA: SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986. TITLE III IS
ALSO KNOWN AS THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT.
ADMINISTERED BY EPA.
TSCA: TOXIC SUBSTANCES CONTROL ACT.
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS.
NIOSH: NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH.
DOT: DEPARTMENT OF TRANSPORTATION.

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE.
HOWEVER, NEITHER BAXTER HEALTHCARE CORPORATION NOR ANY OF ITS DIVISIONS OR
SUBSIDIARIES ASSUMES ANY LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON
THESE DATA. 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 WHICH EXIST.

BAXTER HEALTHCARE CORPORATION, I.V. SYSTEMS DIVISION, ROUND LAKE, ILLINOIS
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