



Product name: Dobutamine Injection

Issue date: 24/02/23

# SDS

## Safety Data Sheet

SDS No. : 23868980224103



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## 1. Product and Company Identification

Product name : Dobutamine Injection

Product use : It is commonly used as a cardiotoxic agent after CARDIAC SURGERY and during DOBUTAMINE STRESS ECHOCARDIOGRAPHY.

Manufacturer/Supplier : Hainan Poly Pharm Co. Ltd

Address : No.2 Xingyang Road, Guilinyang Economic Development Area, Haikou, Hainan 571127, P.R.China

Telephone : +86 898 65712762

E-mail : hnpoly@hnpoly.com

Emergency telephone number of the company : +86 898 65712762

## 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

GHS classification of the product : Reproductive toxicity category 2

Label elements

Pictogram : 

Signal word : Warning

Hazard statement : Suspected of damaging fertility or the unborn child

Precautionary statements

Prevention : Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.

Response : IF exposed or concerned: Get medical advice/attention.

Storage : Store locked up.

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- Disposal : Dispose of contents/container in accordance with local/regional/national/international regulations.
- Hazards not otherwise classified : No specific dangers known, if the regulations/notes for storage and handling are considered.

## 3. Composition / Information on Ingredients

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

### Components

Chemical Name	CAS-No.	Concentration
4-[2-[[3-(p-hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol hydrochloride	49745-95-1	1.0-2.0 %
Sodium metabisulphite	7681-57-4	0.01-0.05 %
Water	7732-18-5	98-99 %

## 4. First-Aid Measures

### Description of first aid measures

- Inhalation : If difficulties occur after vapour has been inhaled, remove to fresh air and seek medical attention.
- Skin contact : After contact with skin, wash immediately with plenty of water. If irritation persists, consult a physician.
- Eye contact : If you use contact lenses, remove the lenses first. Wash affected eyes for at least 15 minutes under running water with eyelids held open. If symptoms occur, consult a physician, preferably an ophthalmologist.
- Ingestion : Rinse mouth immediately and then drink plenty of water, seek medical attention.
- Most important symptoms and effects, both acute and delayed : Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

- Note to physician : Treatment of exposure should be directed at the the clinical condition of the patient.

## 5 : Fire-Fighting Measures

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Suitable extinguishing media : Water fog or fine spray. Dry chemical fire extinguishers. Carbon dioxide fire extinguishers.

Unsuitable extinguishing media : No data available.

Special hazards arising from the substance or mixture

Hazardous combustion products : During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide. Nitrogen oxide. Hydrogen chloride.

Advice for firefighters

Special protective equipment for firefighters : Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots, and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

## 6 : Accidental release measures

Personal precautions, protective equipment and emergency procedures : Avoid contact with the skin, eyes and clothing. Use personal protective equipment.

Environmental precautions : Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

Methods and materials for containment and cleaning up : Contain spilled material if possible. Collect in suitable and properly labeled containers.

## 7 : Handling and storage

Advice on safe handling : Avoid contact with the skin, eyes and clothing. Ensure adequate ventilation. Avoid ingestion and inhalation.

Conditions for safe storage, including any incompatibilities : Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8 : Exposure Controls/Personal Protection

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Control parameters	:	No data available.
Personal protective equipment		
Respiratory protection	:	None required under normal conditions. Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.
Hand protection	:	Handle with gloves.
Eye protection	:	In case of risk of spray, Use safety glasses (with side shields).
Skin and body protection	:	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## 9 : Physical and chemical properties

Form	:	liquid
Colour	:	clear to slightly yellow -green
Odour	:	none
pH	:	2.5-5.0
Melting point	:	no data available
Boiling point	:	no data available
Flash point	:	no data available
Thermal decomposition temperature	:	no data available
Relative density	:	0.9991 g/ml
Water solubility	:	no data available
Viscosity, dynamic	:	no data available

## 10 : Stability and Reactivity

Reactivity	:	No hazardous reactions if stored and handled as prescribed/indicated.
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- Chemical stability : Stable under recommended storage conditions.
- Possibility of hazardous reactions : This material is considered stable.
- Conditions to avoid : No information available.
- Incompatible materials : Avoid contact with: Strong alkali, strong oxidizers.
- Hazardous decomposition products : Carbon monoxide. Carbon dioxide. Nitrogen oxide. Hydrogen chloride. Sulfur oxide. Sodium oxide.

## 11 : Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### Acute Toxicity: oral

4-[2-[[3-(p-hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol hydrochloride  
LD50/rat: 2296 mg/kg

Sodium metabisulphite  
LD50/rat: 1420 mg/kg bw

##### Acute Toxicity: inhalation

4-[2-[[3-(p-hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol hydrochloride  
LC50, inhalation, rat (mg/l) > 500 mg/kg

##### Acute Toxicity: dermal

4-[2-[[3-(p-hydroxyphenyl)-1-methylpropyl]amino]ethyl]pyrocatechol hydrochloride  
LD50 /rabbits: > 500 mg/kg

#### Skin irritation/corrosion

not irritating

#### Serious eye damage/irritation

not irritating

#### Respiratory or skin sensitisation

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not sensitising

Germ cell mutagenicity

Evidence analysis showed that the substance did not induce gene mutations.

Carcinogenicity

Evidence analysis showed that the substance was not a carcinogen.

Reproductive toxicity

Suspected of damaging fertility or the unborn child.

STOT-single exposure

No information available

STOT-repeated exposure

No information available

Aspiration hazard

No information available

## 12 : Ecological information

Aquatic Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects

No data available

## 13 : Disposal considerations

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Product : Observe national and local legal requirements.

Contaminated packaging : Packs that cannot be cleaned should be disposed of in the same manner as the contents.

## 14 : Transport Information

### Land transport

#### DOT

UN number : not applicable

UN proper shipping name : not applicable

Transport hazard class(es) : not applicable

Packing group : not applicable

### Sea transport

#### IMDG

UN number : not applicable

UN proper shipping name : not applicable

Transport hazard class(es) : not applicable

Packing group : not applicable

### Air transport

#### IATA/ICAO

UN number : not applicable

UN proper shipping name : not applicable

Transport hazard class(es) : not applicable

Packing group : not applicable

## 15 : Regulatory information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Reproductive Toxicity



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CA Prop. 65:

There are no listed chemicals in this product.

NFPA Hazard codes:

Health : 3      Fire: 1      Reactivity: 0      Special:

HMIS III rating

Health: 3      Flammability: 1      Physical hazard: 0

## 16 : Other information

SDS Prepared by:

Cairui Chemical Technology (Shanghai) CO.,LTD

SDS Prepared on: 24/02/23

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