



Product name: Voriconazole for injection

Issue date: 12/19/18

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# SDS

## Safety Data Sheet

SDS No. : 18868981224301



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## 1. Product and Company Identification

**Product name** : Voriconazole for injection

**Product use** : Antifungal agent

**Manufacturer/Supplier** : Hainan Poly Pharm Co. Ltd

**Address** : No.2 Xingyang Road, Guilingyang 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** : Acute toxicity – oral category 4  
Carcinogenicity category 2  
Reproductive toxicity category 2  
specific target organ toxicity (repeated exposure) category 2  
Sensitization – skin category 1

### Label elements

**Pictogram** : 

**Signal word** : Warning

**Hazard statement** : Harmful if swallowed  
Suspected of causing cancer  
Suspected of damaging fertility or the unborn child  
May cause damage to organs through prolonged or repeated exposure  
May cause an allergic skin reaction

### Precautionary statements

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- Prevention** : Wash exposed skin thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Do not breathe dust/fume/gas/mist/ vapours/spray.  
Avoid breathing dust/fume/gas/mist/ vapours/spray.  
Contaminated work clothing should not be allowed out of the workplace.
- Response** : IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.  
Rinse mouth.  
IF exposed or concerned: Get medical advice/attention.  
Get medical advice/attention if you feel unwell.  
IF ON SKIN: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see section 4 on this SDS)  
Wash contaminated clothing before reuse.
- Storage** : Store locked up.
- 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

Chemical nature: mixture

Components

Chemical Name	CAS-No.	Concentration
Voriconazole	137234-62-9	5-6%
Beta-cyclodextrin sulfobutyl ether, sodium salt	182410-00-0	90-95%

## 4. First-Aid Measures

Description of first aid measures

- Inhalation** : Move person to fresh air; If symptoms persist, consult a physician.
- Skin contact** : After contact with skin, wash immediately with plenty of water. If irritation persists, consult a physician.

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**Eye contact** : 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** : If swallowed, 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

**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.

## 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 skin contact. Use personal protective equipment.

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**Environmental precautions** : Contain contaminated water/firefighting water.

**Methods and materials for containment and cleaning up** : Contain spilled material if possible. Keep in suitable, closed containers for disposal.

## 7: Handling and storage

**Advice on safe handling** : Avoid contact with the skin, eyes and clothing.

**Conditions for safe storage, including any incompatibilities** : Keep tightly closed in a dry and well-ventilated place. This material should be handled and stored per label instructions to ensure product integrity.

## 8: Exposure Controls/Personal Protection

**Control parameters** : No data available.

### Personal protective equipment

**Respiratory protection** : Not required under normal conditions.

**Hand protection** : Use gloves chemically resistant to this material. Examples of acceptable glove barrier materials include: Natural rubber ("latex").

**Eye protection** : Not required under normal conditions.

**Skin and body protection** : Where there is potential for skin contact, have available and wear as appropriate, impervious gloves, apron, pants, jacket.

## 9: Physical and chemical properties

**Form** : loose mass or (and) powder

**Colour** : white

**Odour** : none

**pH** : 5.5-7.0

**Melting point** : not applicable

**Boiling point** : not applicable

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**Flash point** : no data available

**Thermal decomposition temperature** : no data available

**Density** : no data available

**Water solubility** : no data available

**Viscosity, dynamic** : not applicable

## 10: Stability and Reactivity

**Reactivity** : No hazardous reactions if stored and handled as prescribed/indicated.

**Chemical stability** : The product is stable if stored and handled as prescribed/indicated.

**Possibility of hazardous reactions** : This material is considered stable.

**Conditions to avoid** : No information available.

**Incompatible materials** : Strong bases.Strong oxidizers.

**Hazardous decomposition products** : No hazardous decomposition products if stored and handled as prescribed/indicated.

## 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

##### Acute Toxicity: oral

Beta-cyclodextrin sulfobutyl ether, sodium salt  
LD50/other::> 2 000 mg/kg bw

##### Acute Toxicity: dermal

Beta-cyclodextrin sulfobutyl ether, sodium salt  
LD50/other::> 2 000 mg/kg bw

#### Skin irritation/corrosion

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not irritating

## **Serious eye damage/irritation**

not irritating

## **Respiratory or skin sensitisation**

Beta-cyclodextrin sulfobutyl ether, sodium salt  
May cause an allergic skin reaction

## **Germ cell mutagenicity**

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

## **Carcinogenicity**

Voriconazole  
Suspected of causing cancer

## **Reproductive toxicity**

Voriconazole  
Suspected of damaging fertility or the unborn child

## **STOT-single exposure**

No information available

## **STOT-repeated exposure**

Voriconazole  
May cause damage to organs through prolonged or repeated exposure

## **Aspiration hazard**

No information available

## **12: Ecological information**

### **Aquatic Toxicity**

Short-term toxicity to fish

Beta-cyclodextrin sulfobutyl ether, sodium salt  
LC50/24 h/Oncorhynchus mykiss (previous name: Salmo gairdneri):> 220 mg/L

Short-term toxicity to aquatic invertebrates

Beta-cyclodextrin sulfobutyl ether, sodium salt

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EC50/24 h/aquatic crustacea::> 96 mg/L

## 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

**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

**name** :

**Transport hazard class(es)** : not applicable

**class(es)** :

**Packing group** : not applicable

### Sea transport

#### IMDG

**UN number** : not applicable

**UN proper shipping name** : not applicable

**name** :

**Transport hazard class(es)** : not applicable

**class(es)** :



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**Packing group** : not applicable

**Air transport**

**IATA/ICAO**

**UN number** : not applicable

**UN proper shipping** : not applicable

**name :**

**Transport hazard** : not applicable

**class(es) :**

**Packing group** : not applicable

## 15: Regulatory information

### Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Chronic

CA Prop. 65:

There are no listed chemicals in this product.

NFPA Hazard codes:

Health : 2      Fire: 1      Reactivity: 0      Special:

HMIS III rating

Health: 2      Flammability: 1      Physical hazard: 0

## 16: Other information

**SDS Prepared by:**

BDT Chemical Technology (Shanghai) CO.,LTD

SDS Prepared on: 12/19/18

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