



Product name: Sodium Nitroprusside Injection

Issue date: 07/05/20

SDS

Safety Data Sheet

SDS No. : 20868980705301



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1. Product and Company Identification

Product name : Sodium Nitroprusside Injection

Product use : Used intravenously for therapy of severe hypertension, hypertensive emergencies and heart failure.

Manufacturer/ Supplier : Hainan Poly Pharm Co. Ltd

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

Telephone : +86 898-36389016

E-mail : hnpoly@hnpoly.com

Emergency telephone number of the company : +86 898-36389016

2. Hazards Identification

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

GHS classification of the product : Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Label elements

Pictogram : Not applicable.

Signal word : Not applicable.

Hazards not otherwise classified : Not applicable.

3. Composition / Information on Ingredients

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

Chemical Name	CAS-No.	Concentration
Sodium nitroferricyanide(III) dihydrate	13755-38-9	2.5%
Water	7732-18-5	97.5%

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4. First-Aid Measures

Description of first aid measures

Inhalation : Move person to fresh air; If symptoms persist, consult a physician.

Skin contact : Flush skin with large amounts of water immediately. If symptoms persist, seek medical advice.

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 your mouth. If you feel uncomfortable, get medical attention and treatment.

Most important symptoms and effects, both acute and delayed : Further important symptoms and effects are so far not known.

Indication of any immediate medical attention and special treatment needed

Note to physician : No information available.

5: Fire-Fighting Measures

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

Unsuitable extinguishing media : No information 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: Nitrogen oxides. Carbon monoxide. Carbon dioxide.

Advice for firefighters

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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. Wear personal protective clothing.

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

Methods and materials for containment and cleaning up : Collect in suitable and properly labeled containers. Then store and dispose of according to local regulations.

7: Handling and storage

Advice on safe handling : Avoid contact with the skin, eyes and clothing. Wear safety glasses with side shields.

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

8: Exposure Controls/Personal Protection

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

Eye protection : Use safety glasses (with side shields).

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Skin and body protection : Wear protective clothing.

9: Physical and chemical properties

Form : liquid

Colour : red-brown

Odour : none

pH : 5.0-7.0

Melting point : no data available

Boiling point : no data available

Flash point : no data available

Thermal decomposition temperature : no data available

Density : no data available

Water solubility : soluble

Viscosity, dynamic : no data available

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 : Avoid contact with: Strong acids.Strong bases.Strong oxidizers.

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Hazardous decomposition products : Carbon monoxide. Carbon dioxide. Nitrogen oxides.

11: Toxicological information

Information on toxicological effects

Acute toxicity

Acute oral toxicity

Sodium nitroferricyanide(III) dihydrate
LD50/rat: 99 mg/kg

Acute inhalation toxicity
No information available

Acute dermal toxicity
No information available

Skin corrosion/irritation

Effect of irritation assessment
No information available

Serious eye damage/irritation

Effect of irritation assessment
No information available

Respiratory or skin sensitisation

Sensitisation assessment
No information available

Germ cell mutagenicity

Mutagenic effects assessment:
According to the known information, not classified.

Carcinogenicity

Carcinogenicity assessment:
According to the known information, not classified.

Reproductive toxicity

Reproductive toxicity assessment:
According to the known information, not classified.

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STOT-single exposure

Specific target organ toxicity (single exposure) toxicity assessment:
According to the known information, not classified.

STOT-repeated exposure

Specific target organ toxicity (repeated exposure) toxicity assessment:
According to the known information, not classified.

Aspiration hazard

Aspiration hazard assessment
According to the known information, not classified.

12: Ecological information

Ecotoxicity

No information available

Persistence and degradability

No information available

Bioaccumulative potential

No information available

Mobility in soil

No information available

Results of PBT and vPvB assessment

No information available

Other adverse effects

No information 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

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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): not hazardous

CA Prop. 65:
There are no listed chemicals in this product.

NFPA Hazard codes:
Health : 1 Fire: 0 Reactivity: 0 Special:

HMIS III rating
Health: 1 Flammability: 0 Physical hazard: 0

16: Other information

SDS Prepared by:
BDT Chemical Technology (Shanghai) CO.,LTD
SDS Prepared on: 07/05/20

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