



Product name: Azithromycin for injection

Issue date: 10/31/18

SDS

Safety Data Sheet

SDS No. : 18868981031301



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1. Product and Company Identification

Product name : Azithromycin for injection

Product use : For the treatment of various infections caused by sensitive pathogens

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 : Sensitization – skin category 1
Sensitization – respiratory category 1

Label elements

Pictogram : 

Signal word : Danger

Hazard statement : May cause an allergic skin reaction
May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements

Prevention : Avoid breathing dust/fume/gas/mist/ vapours/spray.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves / protective clothing / eye protection / face protection.

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- Response** : 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.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.
- 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
Sodium citrate	68-04-2	40-45%
Citric acid	77-92-9	5-10%
Azithromycin	83905-01-5	45-50%

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.
- 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

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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.Combustion generates toxic fumes of the following: Carbon oxides,Nitrogen oxides (NOx).

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.Avoid breathing dust.Use personal protective equipment.

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.Avoid breathing dust.

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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 : 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 : 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, hood and boots.

9: Physical and chemical properties

Form : loose mass or (and) powder

Colour : white

Odour : none

pH : 6.4-6.8

Melting point : not applicable

Boiling point : not applicable

Flash point : no data available

Thermal decomposition temperature : no data available

Density : no data available

Water solubility : no data available

Viscosity, dynamic : not applicable

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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

Sodium citrate
LD50/mouse:5 400 mg/kg bw

Citric acid
LD50/mouse:5 400 mg/kg bw

Citric acid
LD50/rat: >2000 mg/kg bw

Acute Toxicity: dermal

Sodium citrate
LD50/rat:> 2 000 mg/kg bw

Citric acid
LD50/rat:> 2 000 mg/kg bw

Skin irritation/corrosion

Sodium citrate

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rabbit
not irritating

Citric acid
rabbit
not irritating

Serious eye damage/irritation

Sodium citrate
rabbit
not irritating

Citric acid
rabbit
not irritating

Respiratory or skin sensitisation

Sodium citrate
guinea pig
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

Animal tests showed no developmental toxicity.

STOT-single exposure

No information available

STOT-repeated exposure

No information available

Aspiration hazard

No information available

12: Ecological information

Aquatic Toxicity

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Short-term toxicity to fish

Sodium citrate

LC50/48 h/Leuciscus idus melanotus:440 mg/L

Citric acid

LC50/48 h/Leuciscus idus melanotus:440 mg/L

Short-term toxicity to aquatic invertebrates

Sodium citrate

LC50/24 h/24 h/Daphnia magna:1 535 mg/L

Citric acid

LC50/24 h/24 h/Daphnia magna:1 535 mg/L

Toxicity to microorganisms

Sodium citrate

TT/16 h/Pseudomonas putida:> 10 000 mg/L

Citric acid

TT/16 h/Pseudomonas putida:> 10 000 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

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Land transport

DOT

UN number : not applicable
UN proper shipping : not applicable
name :
Transport hazard : not applicable
class(es) :
Packing group : not applicable

Sea transport

IMDG

UN number : not applicable
UN proper shipping : not applicable
name :
Transport hazard : not applicable
class(es) :
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): Acute

CA Prop. 65:

There are no listed chemicals in this product.

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NFPA Hazard codes:

Health : 1 Fire: 1 Reactivity: 0 Special:

HMIS III rating

Health: 1 Flammability: 1 Physical hazard: 0

16: Other information

SDS Prepared by:

BDT Chemical Technology (Shanghai) CO.,LTD

SDS Prepared on: 10/31/18

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