

Safety Data Sheet (Material Safety Data Sheet)

GHS-SDS

Trade name: Ganciclovir Sodium for Injection
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Ganciclovir Sodium for Injection

Version 1.0

Revision Date 2015/07/22

1. Substance/preparation and company identification

Ganciclovir Sodium for Injection

Manufacturer/supplier:

Hainan Poly Pharm CO.,LTD.

Contact address:

Guilinyang economic development zone, Meilan district, Haikou city, Hainan, China.

Telephone: +86 898 65735317

Emergency information:

Emergency Number: +86 13876980927

2. Hazards Identification

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

Classification of the product

Carc.	1B	Carcinogenicity
Repr.	1B	Reproductive toxicity

Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

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H350 May cause cancer. (Routes of exposure: ingestion)
H360 May damage fertility or the unborn child. (Routes of exposure: ingestion)

Precautionary Statements (Prevention):

P201 Obtain special instructions before use..
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements (Response):

P308 + P313 IF exposed or concerned: Get medical advice/attention.

Precautionary Statements (Storage):

P405 Store locked up.

Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with local regulations.

Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
107910-75-8	>= 97%	Ganciclovir sodium

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled:

Remove to fresh air and keep patient at rest. Seek medical attention immediately.

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If on skin:

After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Hazards: No applicable information available.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

Water jet, may spread fire.

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

carbon dioxide, carbon monoxide, nitrogen oxides, harmful vapors, fumes/smoke, carbon black

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Advice for fire-fighters

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus.

Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Shovel into suitable container for disposal.

7. Handling and Storage

Precautions for safe handling

Avoid dust formation. In case of insufficient ventilation, wear suitable respiratory equipment. Use only in well-ventilated areas.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

No applicable information available.

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Personal protective equipment

Respiratory protection:

No need for normal use. However, If exposure risk exists, they must use appropriate certified respirators.

Hand protection:

Wear chemical resistant protective gloves.

Eye protection:

No need for normal use. However, must wear safety goggles if hazards exist.

General safety and hygiene measures:

Do not inhale gases/vapors/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. Physical and Chemical Properties

Form:	solid
Odor:	no data available
Odor threshold:	not determined
Color:	white
pH value:	10.8-11.4
Melting point:	no data available
Boiling range:	no data available
Flash point:	no data available
Flammability:	combustible
Lower explosion limit:	no data available
Upper explosion limit:	no data available
Density:	no data available
Solubility in water:	no data available

10. Stability and Reactivity

Reactivity

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

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Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid

See MSDS section 7 - Handling and storage.

Incompatible materials

strong acids, strong bases, strong oxidizing agents, strong reducing agents

Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Ingestion and inhalation, eye or skin contact.

Acute Toxicity/Effects

Acute toxicity

Based on available Data, the classification criteria are not met.

Oral

No applicable information available.

Inhalation

No applicable information available.

Dermal

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No applicable information available.

Assessment other acute effects

No applicable information available.

Irritation / corrosion

No applicable information available.

Sensitization

Assessment of sensitization: Based on available Data, the classification criteria are not met.

Chronic Toxicity/Effects

Repeated dose toxicity

No applicable information available.

Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.
Based on available Data, the classification criteria are not met.

Carcinogenicity

Assessment of carcinogenicity: May cause cancer. (Routes of exposure: ingestion)

Reproductive toxicity

Assessment of reproduction toxicity:
May damage fertility or the unborn child. (Routes of exposure: ingestion)

Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect.
Based on available Data, the classification criteria are not met.

Other Information

No applicable information available.

Symptoms of Exposure

The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11.

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12. Ecological Information

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

Based on available Data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O)

No applicable information available.

Bioaccumulative potential

Assessment bioaccumulation potential

Discharge into the environment must be avoided.

Mobility in soil

Assessment transport between environmental compartments

No data available.

Additional information

Other ecotoxicological advice:

No applicable information available.

13. Disposal considerations

Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. Residues should be disposed of in the same manner as the substance/product. Do not discharge into drains/surface waters/groundwater.

Container disposal:

Containers should be disposed of in the same manner as the substance/product.

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14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations.

Sea transport

IMDG

Not classified as a dangerous good under transport regulations

Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:

Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Chronic;

State regulations

CA Prop. 65:

WARNING: THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVE TOXICITY.

NFPA Hazard codes:

Health : 2 Fire: 1 Reactivity: 0 Special: -

HMIS III rating

Health: 2 Flammability: 1 Physical hazard: 0

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16. Other Information

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

END OF DATA SHEET