



Product name: Levoleucovorin Injection

Issue date: 09/08/23

SDS

Safety Data Sheet

SDS No. : 23868980908304



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1. Product and Company Identification

Product name	:	Levoleucovorin Injection
Product use	:	Counteracts the toxic effects of other folic acid derivative agents, rescuing the patient while permitting the antitumor activity of the folate antagonist.
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 65710369
E-mail	:	hncpsw@hnpoly.com
Emergency telephone number of the company	:	+86 898 65710369

2. Hazards Identification

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

GHS classification of the product : Sensitization – respiratory category 1
Sensitization – skin category 1

Label elements



Signal word : Danger

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

Precautionary statements

Prevention

: Avoid breathing dust/fume/gas/mist/ vapours/spray.
In case of inadequate ventilation wear respiratory protection.
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 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.
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.

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

Chemical Name	CAS-No.	Concentration
Water	7732-18-5	98.0 %
Calcium levofolinate	80433-71-2	1.0 %
Sodium Chloride	7647-14-5	0.1-1.0%

4. First-Aid Measures

Description of first aid measures

Inhalation : Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention. Place unconscious person on their side in the recovery position and ensure breathing can take place. In the event of any sensitisation symptoms developing, ensure further exposure is avoided.

Skin contact : It is important to remove the substance from the skin immediately. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.

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.

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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

Special protective equipment for firefighter : 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 : Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Avoid contact with skin and eyes.

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

Methods and materials for containment and cleaning up : Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Flush contaminated area with plenty of water.

7 : Handling and storage

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- Advice on safe handling** : Wear protective clothing as described in Section 8 of this safety data sheet. Keep container tightly sealed when not in use. Do not handle until all safety precautions have been read and understood. Do not reuse empty containers.
- Conditions for safe storage, including any incompatibilities** : Store away from incompatible materials. Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright.

8 : Exposure Controls/Personal Protection

Control parameters : No data available.

Personal protective equipment

Respiratory protection : If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process.
For most conditions no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.

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).

Skin and body protection : Wear protective clothing.

9 : Physical and chemical properties

- Form** : liquid
- Colour** : colorless to slightly yellow
- Odour** : none
- pH** : 6.5-8.5
- 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

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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.

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.

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

11 : Toxicological information

Information on toxicological effects

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as irritant to eye.

Respiratory or skin sensitisation

May cause allergy or asthma symptoms or breathing difficulties if inhaled

May cause an allergic skin reaction

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

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Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

12 : Ecological information

Ecotoxicity

No information available

Persistence and degradability

No information available

Bioaccumulative potential

No information available

Mobility in soil

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

UN proper shipping name : not applicable

Transport hazard class(es) : not applicable

Packing group : not applicable

Sea transport

IMDG

UN number : not applicable

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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

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312

Respiratory or skin sensitization.

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Pennsylvania Right To Know Components

No components are subject to the Pennsylvania Right to Know Act.

California Proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

United States TSCA Inventory (TSCA)

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

16 : Other information

Hazard Rating System

NFPA Hazard codes:

Health : 2 Fire: 0 Reactivity: 0 Special:

HMIS III rating

Health: 2 Flammability: 0 Physical hazard: 0

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SDS Prepared on: 09/08/23

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