



Product name: Leucovorin Calcium for Injection

Issue date: 09/08/23

SDS

Safety Data Sheet

SDS No. : 23868980908303



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1. Product and Company Identification

Product name : Leucovorin Calcium for Injection

Specification : Calcium folinate 57.5% Sodium chloride 42.5% 50mg、100mg
Calcium folinate 73% Sodium chloride 27% 200mg
Calcium folinate 54.6% Sodium chloride 45.4% 50mg、500mg

Product use : Approved to be used alone or with other drugs to treat: Colorectal cancer, anemia.

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

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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 : Skin corrosion/irritation category 2
Sensitization – skin category 1
Eye damage/irritation category 2
Sensitization – respiratory category 1
Specific target organ toxicity (single exposure) category 3

Label elements

Pictogram : 

Signal word : Danger

Hazard statement : Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
May cause respiratory irritation

Precautionary statements

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- Prevention** : Wash exposed skin thoroughly after handling.
Wear protective gloves / protective clothing / eye protection / face protection.
Avoid breathing dust/fume/gas/mist/ vapours/spray.
Contaminated work clothing should not be allowed out of the workplace.
In case of inadequate ventilation wear respiratory protection.
Use only outdoors or in a well-ventilated area.
- Response** : IF ON SKIN: Wash with plenty water
Specific treatment (see section 4 on this SDS)
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
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 INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
- Storage** : Store in a well-ventilated place. Keep container tightly closed.
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

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

Chemical Name	CAS-No.	Concentration
Calcium folinate	1492-18-8	50.0-75.0 %
Sodium chloride	7647-14-5	25.0-50.0%

4. First-Aid Measures

Description of first aid measures

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- Inhalation** : Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. 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 mouth thoroughly with water. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention if symptoms are severe or persist.
- 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: Carbon monoxide. Carbon dioxide. Nitrogen oxides.

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 : Do not touch or walk into spilled material. Avoid inhalation of dust. Use suitable respiratory protection if ventilation is inadequate. 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 : Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

7 : Handling and storage

Advice on safe handling : Keep container tightly sealed when not in use. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Conditions for safe storage, including any incompatibilities : Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place.

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 : None required under normal conditions.

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Skin and body protection : None required under normal conditions.

9 : Physical and chemical properties

Form : freeze-dried lumps or powder

Colour : white to 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

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

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11 : Toxicological information

Information on toxicological effects

Acute toxicity

Acute oral toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Causes skin irritation

Serious eye damage/irritation

Causes serious eye irritation

Respiratory or skin sensitisation

May cause an allergic skin reaction

May cause allergy or asthma symptoms or breathing difficulties if inhaled

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.

STOT-single exposure

May cause respiratory irritation

STOT-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

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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

UN proper shipping name : not applicable

Transport hazard class(es) : not applicable

Packing group : not applicable

Air transport

IATA/ICAO

UN number : not applicable

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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

Skin corrosion or irritation
Respiratory or skin sensitization
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

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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The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product. Due to the proliferation of sources for information such as manufacturer specific SDSs, we are not and cannot be responsible for SDSs obtained from any source other than ourselves. If you have obtained an SDS from another source or if you are not sure that the SDS you have is current, please contact us for the most current version.
