

Material Safety Data Sheet

Supplier: kinfon pharmachem co.,ltd

32F,Duhe Plaza, Lijiatuo Street, Banan Dist,Chongqing 400054 CHN

Website: <http://www.kfpharmachem.com>

info@kfpharmachem.com

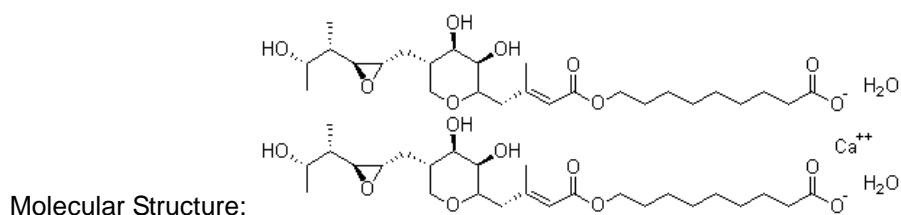
Emergency call:86-(0)23-8650-0814

SECTION 1. COMPOSITION AND INFORMATION ON INGREDIENTS

CALCIUM MUPIROCIN DIHYDRATE

Synonyms: Calcium 9-[(E)-4-[(2S,3R,4R,5S)-3,4-dihydroxy-5-[[[(2S,3S)-3-[(2S,3S)-3-hydroxybutan-2-yl]oxiran-2-yl]methyl]oxan-2-yl]-3-methylbut-2-enoyl]oxynonanoate dihydrate

Cas: 115074-43-6;



Molecular Formula: $2(C_{26}H_{43}O_9) \cdot Ca \cdot 2(H_2O)$

Molecular Weight: 1075.34;

EINECS: 206-888-8

SECTION 2 - HAZARDS IDENTIFICATION

Fire and Explosion This product is classified as a non-combustible solid and will not support propagating combustion.

* **Health** Caution - Pharmaceutical agent.

Exposure might occur via ingestion; skin; eyes.

Health effects information is based on hazards of components.

Environment No information is available about the potential of this product to produce adverse environmental effects.

SECTION 3 - FIRST AID MEASURES

Ingestion Never attempt to induce vomiting. Do not attempt to give any solid or liquid by mouth if the exposed subject is unconscious or semi-conscious. Wash out the mouth with water. If the exposed subject is fully conscious, give plenty of water to drink. Obtain medical attention.

Inhalation Physical form suggests that risk of inhalation exposure is negligible.

Skin Contact Using appropriate personal protective equipment, remove contaminated clothing and flush exposed area with large amounts of water. Obtain medical attention if skin reaction occurs, which may be immediate or delayed.

Eye Contact Wash immediately with clean and gently flowing water. Continue for at least 15 minutes. Obtain medical attention.

NOTES TO HEALTH PROFESSIONALS

Medical Treatment None.

Medical Conditions

Caused or Aggravated



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by Exposure

None for occupational exposure.

Antidotes No specific antidotes are recommended.

SECTION 4 - FIRE AND EXPLOSION DATA

Fire and Explosion Hazards Not expected for the product, although the packaging is combustible.

Extinguishing Media Water is recommended for fires involving packaging.

Special Firefighting Procedures For single units (packages): No special requirements needed. For larger amounts (multiple packages/pallets) of product: Since toxic, corrosive or flammable vapours might be evolved from fires involving this product and associated packaging, self contained breathing apparatus and full protective equipment are recommended for firefighters. If possible, contain and collect firefighting water for later disposal.

Hazardous Combustion Products Toxic, corrosive or flammable thermal decomposition products are expected when the product is exposed to fire.

SECTION 5 - ACCIDENTAL RELEASE MEASURES

Personal Precautions Wear protective clothing and equipment consistent with the degree of hazard.

Environmental Precautions For large spills, take precautions to prevent entry into waterways, sewers, or surface drainage systems.

Clean-up Methods Collect and place it in a suitable, properly labelled container for recovery or disposal.

Decontamination Procedures Detergent solutions can be used for clean-up and decontamination operations. No specific decontamination or detoxification procedures have been identified for this product.

SECTION 6 - HANDLING AND STORAGE

HANDLING

General Requirements No special control measures required for the normal handling of this product. Normal room ventilation is expected to be adequate for routine handling of this product.

STORAGE No storage requirements necessary for occupational hazards. Follow product information storage instructions to maintain efficacy.

SECTION 7 - EXPOSURE CONTROLS, PERSONAL PROTECTION

INGREDIENT CALCIUM MUPIROCIN DIHYDRATE

Hazard Category 1

Exposure Limit 5000 mcg/m³ (8 HR TWA)

ENGINEERING CONTROLS

Exposure Controls An Exposure Control Approach (ECA) is established for operations involving this material based upon the OEL/Occupational Hazard Category and the outcome of a site- or operation-specific risk assessment. Refer to the Exposure Control Matrix for more information about how ECA's are assigned and how to interpret them.

Other Equipment or Procedures

Wash hands and arms thoroughly after handling. None required for normal handling.

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SECTION 8 - STABILITY AND REACTIVITY DATA

Stability This product is expected to be stable.

Conditions to Avoid None for normal handling of this product.

SECTION 9 - TOXICOLOGICAL INFORMATION

Oral Toxicity Not expected to be toxic following ingestion.

Skin Effects Irritation is not expected following direct contact.

Eye Effects Minor irritation might occur following direct contact with eyes.

Sensitisation Sensitisation (allergic skin reaction) is not expected.

Genetic Toxicity Not expected to be genotoxic under occupational exposure conditions.

Carcinogenicity Not expected to produce cancer in humans under occupational exposure conditions. No components are listed as carcinogens by GSK, IARC, NTP or US OSHA.

Reproductive Effects No adverse effects have been reported following extensive use or exposure in humans.

Pharmacological Effects This preparation contains ingredient(s) with the following activity: an antibiotic.

Other Adverse Effects None known for occupational exposure.

SECTION 10 - ECOLOGICAL INFORMATION

Summary This material has had limited testing. There is insufficient information to determine the scope of the environmental effects this material may cause. Local regulations and procedures should be consulted prior to environmental release.

ECOTOXICITY Aquatic Daphnid

This material contains an active pharmaceutical ingredient that is not toxic to daphnids.

EC50: > 1000 mg/l, 48 Hours, Daphnia magna, Nominal

NOEL: 1000 mg/l

MOBILITY Solubility This material contains an active pharmaceutical ingredient that for environmental fate predictions has solubility in water.

SECTION 11 - DISPOSAL CONSIDERATIONS

Disposal Recommendations Collect for recycling or recovery if possible. The disposal method for rejected products/returned goods must ensure that they cannot be re-sold or re-used.

Regulatory Requirements Observe all local and national regulations when disposing of this product.

SECTION 12 - TRANSPORT INFORMATION

The SDS should accompany all shipments for reference in the event of spillage or accidental release. Only

authorised persons trained and competent in accordance with appropriate national and international regulatory requirements may prepare dangerous goods for transport.

UN Classification and Labelling

Transport Information Transportation and shipping of this product is not restricted. It has no known, significant hazards requiring special packaging or labelling for air, maritime, US or European ground transport purposes.

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SECTION 13. OTHER INFORMATION

Other information: The hazard associated with this material have not been fully investigated Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.