



ZHEJIANG JINHUA CONBA BIO-PHARM. CO., LTD.



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MATERIAL SAFETY DATA SHEET

Section 1 Product and Company Identification

Product Name : Amikacin Sulfate - Amikacin Sulphate

Manufacturer's Name: ZHEJIANG JINHUA CONBA BIO-PHARM.CO.,LTD

Address: No. 288 Jinqiu Road, Jinhua City, Zhejiang

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ZHEJIANG JIN

Section 2 Hazards Identification

Hazards Identification:

Classification according to GHS

Skin sensitization:Category 1

The hazards not mentioned are not applicable or no data available.

Emergency Overview:May cause an allergic skin reaction

Section 3 Information on the components

Components:Amikacin sulfate,water

Molecular Form: $C_{22}H_{43}N_5O_17 \cdot 2 H_2SO_4$

Molecular Weight: 781.76

CAS No.: 39831-55-5

Action and use:Antibiotic

Section 4 First-aid Measures

Skin Exposure

In case of contact,immediately wash skin with soap and copious amounts of water.If irritation persists,call a physician.

Eye Exposure:

In case of contact with eyes,flush with copious amounts of water for at least 15 minutes.Assure adequate flushing by separating the eyelids with fingers.If irritation persists,call a physician.

Oral Exposure:

If swallowed,immediately wash out mouth with water provided person is conscious.Call a physician.

Section 5 Fire Fighting Measures

Extinguishing media:

Use water spray,alcohol-resistant foam,dry chemical or carbon dioxide.

Firefighting

Protective equipment:wear self-contained breathing apparatus and protective clothing to prevent contact skin and eyes.

Section 6 Accidental Release Measures

Procedure of personal Precaution:

Exercise appropriate precautions to minimize direct contact with skin or eyes and prevent inhalation.

Method for Cleaning up:

Sweep up with spade and transfer to a dry, clean, litted container for disposal. Avoid raising dust.

Ventilate area and wash spill site after material pickup is complete.

Environment precautions:

Do not let product enter drains.

Section 7 Handling and Storage

Handling:

Wear appropriate protective clothing and safety gloves. Avoid formation of dust. Avoid contact with eyes, skin and clothing. Avoid inhalation. Provide appropriate exhaust ventilation. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents. No smoking at working site.

Storage:

Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: strong oxidizing agents.

Section 8 Exposure control/PPE

Engineering Controls:

Mechanical exhaust required. Safety shower and eye bath.

Personal Protective Equipment:

Respiratory: wear government approved respirator if needed.

Eye: wear safety glasses.

Clothing: wear appropriate protective clothing

Hand: compatible protective gloves.

Other Protect:

No smoking, drinking and eating at working site. Wash thoroughly after handling.

Section 9 Physical and Chemical Properties

Appearance: A white almost white crystalline powder.

Odor: almost odourless, tasteless.

Melting Point: 220-230°C

pH Value(1%): 2.0-4.0.

Solubility: Very soluble in water, practically insoluble in acetone, alcohol, methanol and chloroform.

Section 10 Stability and Reactivity

Stability:

Stable under normal temperatures and pressures.

Materials to Avoid:

Strong oxidizing agents.

Hazardous Polymerization:

Will not occur.

Hazardous Decomposition Products:

Carbon oxides,Sulfur oxides,Nitrogen oxides.

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Section 11 Toxicological Information

Acute toxicity:

Rat Oral LD₅₀>4000mg/Kg

Skin corrosion/irritation:

No data available

Serious eye damage/irritation:

No data available.

Respiratory or skin sensitization:

May cause an allergic skin reaction.

Section 12 Ecological Information

Toxicity:

No data available.

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

Section 13 Disposal Information

Appropriate method of disposal of substance:

Contract a licensed professional waste disposal service to dispose of this material.Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with afterburner and scrubber.Observe all federal.state,and local environment regulations.

Section 14 Transport Information

RID/ADR:This substance is considered to be non-hazardous for transport.

IATA:This substance is considered to be non-hazardous for air transport.

IMO:This substance is considered to be non-hazardous for seaport.

Section 15 Regulatory Information

Regulation(EC) No 1272/2008

Skin sensitization:Category 1

Not a hazardous substance or mixture according to Regulation(EC) No.1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

Label elements:the substance is not classified as dangerous according to Directive 67/548/EEC.

Section 16 Other Information

The above information is believed to be correct but dose not purport to be all inclusive and shall be used only as a guide.We make no warranty of merchantability or and other warranty,express or implied,with respect to such information,and we assume no liability resulting from its use.Users should make their own investigation to determine the suitability of the information for their particular purposes.In no way shall we be liable for any claims,losses,or damages of any third party or for lost profits or any special, indirect,incidental,consequential or exemplary damages,howsoever arising from using the above information

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