



智合生物

Zhihe Bio-pharmaceutical

Material Safety Data Sheet

Version: 02

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Material Safety Data Sheet

1. Product and corporate identity

1.1. Product identity

Product name: Ceramide EOP

Product catalogue no.: ZH26-EOP

Brand: N/A

CAS#: 100403-19-8

Details of the MSDS provider

Manufacturer or supplier name: Chongqing Zhihe Bio-Pharmaceutical Co.

Manufacturer or Supplier Address: 9th Floor, Dazheng R&D, No.290 Fengshixing Road, Beibei

District, Chongqing, China

Postal Code: 400700

Tel: 023-68289213/023-60309553/13368277777

Email: ZHIhecq@163.com

1.2. Emergency Consultation Phone Number

Emergency contact number: 13368277777

1.3. Recommended and restricted uses of the substance or mixture

Confirmed uses: For research and development and cosmetic ingredients only. Not for pharmaceutical, household or other uses.

2. Hazard overview

Emergency Overview:

If inhaled, remove patient to fresh air. If breathing stops, perform artificial respiration. If eye contacted, it is prudent to flush eyes with water. If ingested, do not feed the unconscious person anything. Rinse mouth with water.

2.1. GHS Hazard Category

Non-hazardous substances or mixtures.

2.2. GHS labeling elements, including precautionary statements

Non-hazardous substance or mixture.

Pictogram None

Signal word None

Hazard statement(s) None

Precautionary statement(s) None

2.3. Physical and Chemical Hazards

There are no physical or chemical hazards for which information is currently available.

2.4. Health Hazards

Information is currently available and there are no health hazards.

2.5. Environmental Hazards

Information is currently available and there are no environmental hazards.

2.6. Other hazards

None

3. Ingredient/composition information

1.1 Substance/mixture: Substance

1.2 Substance

Synonyms: Ceramide 1

Ceramide 1A

Formula: $C_{46}H_{87}NO_6$

Molecular Weight: 749.65 g/mol

CAS #: 100403-19-8

Specific compositions need not be disclosed under the respective regulations.

4. First aid measures

4.1. Description of necessary first aid measures

Inhalation

If inhaled, remove patient to fresh air. If breathing stops, administer artificial respiration.

Skin contact

Flush with soap and plenty of water.

Eye contact

It is prudent to flush eyes with water.

Ingestion

Do not feed anything to an unconscious person. Rinse mouth with water.

4.2. Most important symptoms and health effects

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or section 11.

4.3. Instructions and directions for timely medical management and special treatment required

No data available

4.4. Special tips for physicians

No data available

5. Fire-fighting measures

5.1. Extinguishing media

Extinguishing methods and extinguishing agents

Extinguish the fire with water spray, alcohol-resistant foam, dry powder or carbon dioxide.

5.2. Special hazards originating from the substance or mixture

Carbon oxides

Nitrogen oxides

5.3. Fire-fighting precautions and protective measures

If necessary, wear self-contained breathing apparatus for firefighting operations.

6. Emergency Response to Leakage

6.1. Personnel protective measures, protective equipment and emergency handling procedures.

Avoid dust generation. Avoid inhaling vapors, aerosols or gases.

For personal protection, see Section 8.

6.2. Environmental protection measures

No special environmental precautions are required.

6.3. Containment of spilled chemicals, removal methods and disposal materials used

Sweep up and shovel out. Place in a suitable closed container to be disposed of.

6.4. Refer to other sections

Refer to Section 13 for disposal.

7. Handling Disposal and Storage

7.1. Precautions for safe handling

Fire and explosion protection recommendations

Provide suitable exhaust ventilation in areas where dust is generated.

Hygienic measures

Routine industrial hygiene practices.

For precautions, see section 2.2.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions

Keep sealed, protected from light and at temperature of 2-8 °C .

Storage stability

Recommended storage temperature, 3 years.

Storage Grade

Non-combustible solid.

8. Exposure Controls/Personal Protection

8.1. Control parameters

Hazardous composition and occupational exposure limits

Substances that do not contain occupational exposure limits.

8.2. Exposure control

Appropriate technical controls

Routine industrial hygiene operations.

8.3. Personal protective equipment

Eye and face protection

Use equipment for eye protection that has been tested and approved by official standards such as NIOSH (USA) or EN 166 (EU).

Skin protection

Gloves must be inspected before use. Remove the gloves in an appropriate manner (do not touch the outer surface of the gloves) and avoid any contact with any part of the skin. After use, dispose of contaminated gloves carefully in accordance with applicable laws and regulations and valid laboratory procedures. Wash and blow-dry your hands. The protective gloves selected must comply with the specifications given in Regulation (EU) 2016/425 and the EN 374 standard from which it is derived.

Body protection

The choice of body protection is based on the type, concentration and quantity of the hazardous substance and the specific workplace. The type of protective equipment must be selected according to the concentration and quantity of the hazardous substance in the particular workplace.

Respiratory protection

Breathing protection is not required. For protection against dust damage, use a dust mask type N95 (US) or P1 (EN 143). For respirators use respirators and parts that have been tested and passed government standards such as NIOSH (US) or CEN (EU).

Control of Environmental Exposure

No special environmental precautions are required.

9. Physical and Chemical Characteristics

9.1. Information on basic physical and chemical properties

Physical state: powder

Color: off-white to white

Odor: no data available

Melting point/freezing point: no data available

Initial boiling point and boiling range: no data available

Flammability (solid, gas): no data available

High/low flammability or explosiveness limits: no data available

Flash point: No data available

Ignition temperature: No data available

Decomposition temperature: no data available

pH: no data available

Viscosity Kinematic viscosity: no data available

Kinetic viscosity: no data available

Water solubility: No data available

Octanol/water partition coefficient: No data available

Vapor pressure: No data available

Density: No data available

Density/relative density: No data available

Vapor density :No data available

Particle properties: No data available

Explosive properties: No data available

Oxidizing properties: No data available

9.2. Other safety information

No data available

10. Stability and reactivity

10.1. Stability

Stable for 3 year under recommended storage conditions.

10.2. Hazardous reactions

No data available

10.3. Conditions to avoid

No data available

10.4. Prohibited compounds

Strong oxidizing agents

10.5. Hazardous decomposition products

In case of fire: see section 5 Extinguishing measures.

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Oral: no data available

Inhalation: no data available

Dermal: No data available

Skin corrosion/irritation

No data available

Skin corrosion/irritation

No data available

Severe eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ system toxicity (single exposure)

No data available

Specific target organ system toxicity (repeated exposure)

No data available

Inhalation hazard

No data available

11.2. Additional Information

To the best of our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

12. Ecological information

12.1. Eco-toxicity

No data available

12.2. Persistence and biodegradability

No data available

12.3. Bio-accumulation potential

No data available

12.4. Mobility in soil

No data available

12.5. Evaluation of results for PBT and vPvB

PBT/vPvB evaluation not available as chemical safety assessment not required/not conducted

12.6. Endocrine Disrupting Properties

No data available

12.7. Other environmentally harmful effects

No data available

13. Waste disposal

13.1. Waste disposal methods

Product

Dispose of the remaining and non-recyclable solution to a licensed company.

Contaminated packaging

Dispose of as unused product.

14. Transportation Information

14.1. DOT (US)

UN No.: No data available

Package group: No data available

Transportation hazard class: No data available

UN Shipping Name: No data available

Reportable Quantity (RQ): No data available

Inhalation hazard: No data available

Environmental hazards: No data available

14.2. IMDG

UN No.: No data available

Parcel group: No data available

EMS number: No data available

UN shipping name: No data available

14.3. IATA

UN No.: No data available

Parcel group: No data available

Transportation hazard class: No data available

UN shipping name: No data available

14.4. Prohibited substances

Strong oxidizers

14.5. Other information

Not classified as hazardous according to transportation regulations.

15. Regulatory information

15.1. Rules/regulations that are specific to the safety, health and environment of this substance or mixture.

Applicable regulations

Other regulations

Please note that waste disposal should also fulfill the requirements of local regulations.

16. Other Information

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