



智合生物

Zhihe Bio-pharmaceutical

Material Safety Data Sheet

Version: 02

Date of Amendment : 2024-04-02

Date of First Compiling: 2019-11-05

# Material Safety Data Sheet

## 1. Product and corporate identity

### 1.1. Product identity

Product name: Ceramide NP/Ceramide NG

Product catalogue no.: ZH26-NG

Brand: N/A

CAS#: N/A

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](mailto: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**

### **3.1 Substance/mixture: Mixture**

#### **Substance**

Synonyms: Ceramide NP/NG

Formula: N/A

Molecular Weight: N/A

CAS #: N/A

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 room temperature.

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

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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