西安绿天生物技术有限公司
Plamed Green Science Group

MATERIAL SAFETY DATA SHEET

1. Identification of the substance and of the company

1.1 Product identifier

Product name : Ceramides NP

CAS number : 100403-19-8

EINECS : 309-560-3

Physical form : solid, substance

REACH : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses advised against

PC21: Laboratory chemicals.

1.3 Details of the supplier of the safety data sheet

Company name: Plamed Green Science Group

Address: 69# Jinye Rd., High-Tech Zone, Xi'an, P. R. China.

Telephone : + 86-29-81021258

Email: harly@plamed.cn

Web: www.plamed.cn

1.4 Emergency telephone number: +86 18161909265

2. Hazards identification

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 substances or mixtures.

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

Substance/mixture:Substance

3.1 Material

Synonyms: N-Oleoyl-phytosphingosine.Ceramide 11B,Ceramide 38

Formula: N/A

Molecular Weight: N/A

CAS No.: 100403-19-8

Specific compositions need not be disclosed under the respective regulations.

4. 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

4.1 Description of necessary first aid measures Inhalation

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

4.2 Instructions and directions for timely medical management and special treatment required: No data available

4.3 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.

6.3Contalnment 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 recommendation

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 regulation 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: 98-108℃

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 pressures: 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: No data available

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-recydlable solution to a licensed company.

Contaminated packaging

Dispose of as unused product.

14. Transportation Information

14.1 DOT (US)

UN No: No data available

Parcel group: No data available

EMS number: 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

EMS number: 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

Applicable regulations

Other regulations

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

16. Other Information

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. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.