

Synlotic Biotech (Shanghai) Co.,Ltd

Material Safety Data Sheet

Version: 2.0

Revision date: 2024.05.21

CERAMIDE NP

Part I: Chemicals and Corporate Identification

1. 1 Product identification:

Product name: CERAMIDE NPS

Product number:500201

Brand and production technology holder: Synlotic Biotech (Shanghai) Co.,Ltd

1.2 Details of providers of safety technical specifications:

Name of manufacturer or supplier:Synlotic Biotech (Shanghai) Co.,Ltd

Tel:021-61180328

Web:www.synlotic.cn

Part II: Hazards identification

Classification according to Regulation (EC) No 1272/2008: Not a hazardous substance.

Classification according to EU Directives 67/548/EEC or 1999/45/EC: Not harmful.

Part III: Composition/Composition Information

Ceramide NP (94~100%)

Part IV: First aid measures

General advice:Move out of dangerous area. Never give anything by mouth to an unconscious person.

Inhalation:If breathing, move person into fresh air. If not breathing give artificial respiration.

Skin contact:Wash off with plenty of water.

Eye contact:Protect unharmed eye. In the case of contact with eyes, rinse immediately with plentyof water.

Ingestion:If large amounts were swallowed, get medical advice. Do not induce vomiting unless directed to do so by medical personnel.

Part V: Fire Prevention Measures

Address: 2 / F, No.4, Lane 1515, North Huifeng Road, Fengxian District, 201403 Shanghai, P.R. China

Hazard characteristics: no special combustion and explosion characteristics.

Fire extinguishing method: spray fire extinguishing with fire water, and protect firefighters with atomized water.

Extinguishing agent: water, misty water, carbon dioxide, sand.

Part VI: Emergency Treatment of Leakage

Emergency Management: collect and treat in time.

Part VII: Operation, Disposal and Storage

Precautions for operation : Operators should be specially trained to stay away from heat sources. Handle with care, keep the package intact and prevent leakage.

Precautions for storage : Stored at room temperature in a dry, ventilated warehouse. Keep away from heat source, avoid mixing storage.

Part VIII: Contact Control and Personal Protection

Engineering Controls: Provide good natural ventilation.

Respiratory System Control: There is no need for special protection.

Eye Control: There is no need for special protection.

Other Control: There is no need for special protection.

Part IX: Physical and chemical characteristics

Appearance: White to off-white powder

Odor: Slight characteristic odor

Assay:: $\geq 95\%$

Solubility: Fat solubility

Melting point: $123-128^{\circ}\text{C}$

Loss of drying: $\leq 2\%$

Residue on ignition: $\leq 0.5\%$

Part X: Stability and reactivity

Avoid high temperature and sunlight.

Part XI: Toxicological Data

Acute toxicity

Acute inhalation toxicity: No data available Acute dermal toxicity: None irritation.

Repeated dose toxicity: No data available Skin irritation Humans : No skin irritation Eye irritation Humans: None corrosive

Part XII: Ecological data

No toxicity and pollution to the environment.

Part XIII: Abandonment and Disposal

Waste Disposal: The national and local regulations should be referred to before disposal. Recommend recovery dispos

Part XIV: Transportation Information

Matters of attention to transportation : Before shipment, check whether the packaging container is intact and sealed, and isolate the power source and fire source during transportation.

Part XV: Regulatory Information:

Regulatory Information: Regulations for the safety management of chemical hazardous materials (issued by the State Council in February 17th, 1987), detailed rules for the implementation of the regulations on the safety management of hazardous chemicals ([1992]677), regulations on the safe use of chemicals in the workplace ([1996]423) and etc. corresponding provisions are made for the safe use, production, storage, transportation and handling of chemical dangerous goods.

Part XVI: Other Information

This chemical safety technical specification is compiled based on the information collected by our company, and there is no guarantee about data and evaluation of hazards and toxicity. Before use, please investigate the hazard and toxicity information, and give priority to the laws and regulations of organizations, regions and countries that use the product.

Considering the safety problem, the product should be used in time after purchase, and some new information or information correction will be added later. Please contact us if the product is used far beyond the expected use time or if you have any questions. The stated warnings are only applicable to ordinary use cases. If it is a special use case, additional safety protection measures must be taken in addition to ordinary safety measures. It should be noted that all chemicals have "unknown hazards and toxicity", which will vary greatly under different conditions of use and storage. The whole process of the product from unsealing to storage to abandonment must be used by operators who are familiar with professional knowledge and experience or under the guidance of experts, and each user is responsible for establishing a safe use environment.

Synlotic Biotech (Shanghai) Co., Ltd