Material Safety Data Shee

Company/Undertaking Identification
ShangHai Science Peptide Biological Technology Co.,LTD
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Handling and disposal of the product under normal laboratory conditions does not constitute a risk to personnel or environment.

1. Identification of substance:

Product name: Peptide

2. Composition/data on components:

Amino acid

3. Hazards identification:

Emergency Overview

OSHA Hazards

No known OSHA hazards

Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).

HMIS Classification

Health hazard: 0
Flammability: 0
Physical hazards: 0
NFPA Rating
Health hazard: 0
Fire: 0
Reactivity Hazard: 0

Potential Health Effects

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Skin: May be harmful if absorbed through skin. May cause skin irritation.
Eyes: May cause eye irritation. May be harmful if swallowed.

4. First aid measures:

- **After Inhalation:** If inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration
- **After skin contact:** flush with copious amounts of water; remove contaminated clothing and shoes; call a physician

- **After eye contact:** check for and remove contact lenses and flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician
- **After swallowing:** if swallowed, wash out mouth with copious amounts of water; call a physician

5. Fire fighting measures:

Conditions of flammability
Not flammable or combustible.
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous combustion products
Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Sulphur oxides

6. Accidental release measures:

Personal precautions
Avoid dust formation. Avoid breathing vapors, mist or gas.
Environmental precautions
Do not let product enter drains.
Methods and materials for containment and cleaning up
Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. Handling and storage:

Precautions for safe handling
Provide appropriate exhaust ventilation at places where dust is formed.
Conditions for safe storage
Keep container tightly closed in a dry and well-ventilated place.
Recommended storage temperature: Desiccate at -20°C
Keep in a dry place. Keep in a dry place.

8. Exposure controls and personal protection:

Personal protective equipment as follows:
Contains no substances with occupational exposure limit values.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and

components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Eye protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and body protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures
General industrial hygiene practice.

9. Stability and reactivity:

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

no data available

Conditions to avoid

no data available

Materials to avoid

Strong acids, Strong bases

10. Toxicological information:

Carcinogenicity
IARC: No component of this product present at levels greater than or

equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of t his product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

11. Ecological information:

General notes: no data available

12. Disposal consideration:

Dispose of in accordance with prevailing country, federal, state and local regulations

13. Transport information:

DOT:
Proper shipping name: none
Non-Hazardous for transport:this substance is considered to be non-hazardous for Transport
IATA class:
Proper shipping name: none
Non-Hazardous for transport: this substance is considered to be non-hazardous for Transport

14. Regulations

Labelling according to related labelling guidelines: Observe the general safety regulations when handling chemicals.

15. Other Information

For research use only.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use,storage and handling of the product.This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.