



MATERIAL SAFETY DATA SHEET

MSDS/SDS

Product Name: CA- Conus Cyclopeptide Solution Prepared in accordance: GB/T 16483, GB/T 17519
Created on: 2024-12-20 Revision Date:-
Version: 1.0

Part 1: CHEMICALS AND ENTERPRISE IDENTIFICATION

Product information

Chinese name: CA-芋螺环肽溶液
CB number: No data available
CAS No.31014-78-5
INCI name: 精氨酸/赖氨酸多肽
INCI English name: ARGININE/LYSINE POLYPEPTIDE

Confirmed use: Cosmetics

Provider information

Company Name: Shanghai Jocheng Biotechnology Co., Ltd.
Corporate Address: 5/F, Science and Technology Entrepreneurship Building, 659 Maoyuan Road, Fengxian District, Shanghai, China
Corporate phone: 13917414226

PART 2: SUMMARY OF RISKS

Emergency Summary

Swallowing may be harmful. Consult a physician. Show this safety data sheet to the attending physician.

If discomfort occurs, call emergency services/physician. In case of respiratory arrest, perform artificial respiration and call emergency services/physician.

GHS hazard class

No data available

GHS Label Elements, Including Precautionary Statements

Pictogram: No data available
Signal Word: No data available
Hazard Statement: No data available

Physical and Chemical Hazards

Currently, the information is available without any physical or chemical hazards.



Health Hazard

Inhalation: Inhalation of this substance may cause harmful effects on health or respiratory discomfort.

Ingestion : Accidental ingestion of this product may be harmful to individual health.

Skin contact : Through cuts, abrasions or lesions into the bloodstream, which may have harmful effects that cause systemic damage.

Eye:Direct contact with this product may cause temporary discomfort.

Environment Hazards

Currently, the information is available without any environmental harm.

Other hazardous substances

-None

Part 3: INGREDIENTS/COMPOSITION INFORMATION

Component	Concentration or concentration range (mass percentage%)	CAS No.
ARGININE/LYSINE POLYPEPTIDE	0.09-0.15%	31014-78-5
Water	69.35%-70.41%	7732-18-5
Butanediol	29.5%-30.5%	107-88-0

Part 4: FIRST-AID MEASURES

Description of First Aid Measures

General advice Consult a physician. Show this safety data sheet to the physician on site.

Skin contact Generally not hazardous under normal conditions. No urgent measures required.

Eye contact As a precaution, rinse eyes with water. If discomfort persists, seek medical attention.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a doctor.

Inhalation If inhaled, move the patient to fresh air. If breathing is difficult, administer oxygen.

Protection of first responders Ensure that medical personnel are aware of the hazards of the product and take self-protection measures to protect themselves and prevent the spread of contamination.

Most Important Symptoms and Health Effects

See section 11.



Advice to Protect Rescuers

- Remove all ignition sources and improve ventilation
- Avoid contact with skin and eyes
- Avoid inhaling steam
- Use protective equipment, including respirators

Special Note for Physicians

- Provide targeted treatment based on the symptoms presented
- Symptoms may present with a delay

Part 5: FIRE PROTECTION MEASURES

Extinguishing Media

Applicable fire extinguishing agent Use a fire extinguishing medium suitable for the surrounding environment

Not applicable to fire extinguishing agents There is no restriction on the type of fire extinguishing agent used

Special Hazard Arising from the Substance or Mixture

Hazardous flammable gases or vapors may be generated during a fire.

Fire Prevention Precautions and Protective Measures:

Wear a self-contained breathing apparatus (SCBA) if necessary for firefighting operations.

Move the container to an open area as far away from the fire as possible.

Containers in a fire scene must be evacuated immediately if they have changed color or if sounds are emitted from the safety relief device. The accident site must be isolated, and unauthorized personnel are prohibited from entering.

Receiving and treating fire water to prevent environmental pollution.

Part 6: EMERGENCY RESPONSE TO LEAKS

Personnel protection measures, protective equipment, and emergency response procedures:

Emergency responders should be equipped with portable respirators, anti-static clothing, and rubber oil-resistant gloves. Do not touch or cross the spill.

All equipment used during the operation should be grounded.

Cut off the leak source as much as possible. Eliminate all ignition sources.



The warning area is demarcated according to the affected area of liquid flow, steam or dust diffusion, and irrelevant personnel are evacuated from the side wind and upwind direction to the safe area.

Environmental protection measures

No special environmental prevention requirements.

The containment, removal and disposal materials for leaked chemicals

Cut off the source of the leak as much as possible.

Ventilate the area where leakage occurred.

The attachments or collections should be stored in suitable closed containers and disposed of in accordance with local laws and regulations.

Refer to other sections

For disposal procedures, see Section 13.



Part 7: HANDLING, DISPOSAL, AND STORAGE

Precautions for Safe Handling

- Handle in a well-ventilated area.
- Wear appropriate personal protective equipment.
- Avoid contact with skin and eyes.
- Keep away from heat, sparks, open flames, and hot surfaces.

Storage precautions:

Conditions for Safe Storage

- Store in a cool, well-ventilated place.
- Keep container tightly sealed.
- Store separately from oxidizers and foodstuffs (see Section 10).
- Keep away from ignition sources and heat.
- Storage area must be equipped with lightning protection, explosion-proof lighting and ventilation, and grounded exhaust systems to prevent static discharge.
- Prohibit use of spark-generating tools.
- Provide spill control equipment and suitable absorbent materials.

Part 8: OCCUPATIONAL EXPOSURE

Limits for Contact Control/Personal Protection

- No data available

Biological Limitation

- No data available

Monitoring Method

EN 14042: Workplace atmospheres – Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

GBZ/T 300 Series: Determination of Toxic Substances in Workplace Air.

Engineering Controls

- Separate from other work areas.
- Enclosed operation to prevent release.
- Enhance ventilation.
- Install automatic alarm and emergency ventilation.
- Establish emergency evacuation routes and designated spill areas.
- Mark restricted areas with warning lines, signs (in Chinese), and install communication alarm systems.
- Provide safety showers and eye wash stations.

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Personal Protective Equipment

General No special requirements under normal use.

Eye Protection Not normally required. Use chemical safety goggles if exposure to vapors/dust is possible during processing.

Hand Protection Not normally required.

Respiratory Protection Not normally required. Use dust mask or respirator if vapor/dust concentrations exceed occupational limits or if irritation occurs.

Skin and Body Protection Not normally required.



Part 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and characteristics:

Colorless or pale yellowish-green

transparent liquid

pH :7.5-8.5

**Boiling point, initial boiling point, and
boiling range(°C):**

No data.

Melting point/solidification point (°C):

No data.

Relative density (water as 1): No data

Olfactory threshold (mg/m 3): No data

Solubility:readily soluble in water

Flavor:No flavor

Salinity:≤1.0g/L

HPLC Purity:≥95.0%

Concentration:0.09-0.11g/L

Flammability (solid, gas):No
data



Part 10 : STABILITY AND REACTIVITY

Reactivity

No hazardous reactions known under normal conditions.

Hazardous Reactions

No data available

Conditions to Be Avoided

No data available

Incompatibility Complex

Strong oxidizing agents

Hazardous Decomposition Products

No hazardous decomposition products under normal conditions of storage and use.

Part 11: TOXICOLOGICAL INFORMATION

Information - Acute Toxicity

No data available

Carcinogenicity

Component	IARC Classification	NTP Report
ARGININE/LYSINE POLYPEPTIDE	Nient comprise	Nient comprise

Other Information

ARGININE/LYSINE POLYPEPTIDE (component)	
Skin corrosion/irritation	No data available
Severe eye injury/stimulation	No data available
Sensitization of skin	No data available
Respiratory sensitization	No data available
Genotoxicity	No data available
Targeted organ toxicity-single exposure	No data available
Specific target organ toxicity-repeated exposure	No data available
Inhalation hazard	No data available
Mutagenicity of germ cells	No data available
Additional hazard of reproductive toxicity	No data available



Part 12: ECOLOGICAL INFORMATION

Acute Aquatic Toxicity

No data available

Chronic Aquatic Toxicity

No data available

Persistence and Degradability

No data available

Bioaccumulation Potential

No data available

Soil Mobility

No data available

PBT/vPvB assessment

Not available as Chemical Safety Assessment was not required/conducted.

Part 13: DISPOSAL CONSIDERATIONS

Waste Disposal of Substance

Dispose of residual and non-recyclable solution through a licensed waste disposal company.

Contaminated Packaging

Dispose of as unused product.

Part 14 : TRANSPORT INFORMATION UN HAZARDOUS GOODS CODE

United Nations Dangerous Goods Number

European Land Transport dangerous Goods code: -

International Sea Transport Dangerous goods Code: -

International Air Transport Dangerous goods Code: -

The name prescribed by the United Nations (UN)

European land transportation regulations for dangerous goods: Non-dangerous goods

International Maritime Dangerous Goods Code: Non-dangerous goods

International air transport dangerous goods code: Non-dangerous goods

Transportation hazard category

European land Transport dangerous Goods regulations: -

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International Sea Transport Dangerous goods regulations: -

International Air Transport Dangerous goods regulations: -

Parcel Group

European Land Transport Hazard Code: -

International Sea Transport Hazard Code: -

International Air Transport Hazard Code: -

Environmental hazard

European Land Transport Hazardous Materials Code: No.

International Sea Transport Hazardous Materials Code: No.

International Air Transport Hazardous Materials Code: No

Special reminders for users

No data available



Part 15: REGULATORY INFORMATION

Regulations concerning safety, health, and the environment specific to this substance or mixture.
Please note that waste disposal must also comply with local regulations.

Part 16 : OTHER INFORMATION

No additional information.



Disclaimer:

The information in this MSDS applies only to the specified product and is not valid for mixtures with other substances unless expressly stated. This MSDS is provided only to persons with appropriate professional training for the safe use of the product. The user of this MSDS must make an independent judgment regarding its suitability.