

Safety Data Sheet

Human [Tyr0]-C-Peptide peptide

Cat#: orb71231

Section 1 - Product and Company Information

Product Name Human [Tyr0]-C-Peptide peptide

Section 2 - Composition/Information on Ingredients

Substance Name Human [Tyr0]-C-Peptide peptide

Section 3 - Hazards Identification

EMERGENCY OVERVIEW: May cause skin irritation and/or dermatitis

Principle routes of exposure: Skin.

Inhalation: May cause irritation of respiratory tract.

Ingestion: May be harmful if swallowed.

Skin contact: May cause allergic skin reaction.

Eye contact: Avoid contact with eyes.

Statements of hazard MAY CAUSE ALLERGIC SKIN REACTION.

Statement of Spill or Leak - ANSI Label

Eliminate all ignition sources. Absorb and/or contain spill with inert materials (e.g., sand, vermiculite). Then place in appropriate container. For large spills, use water spray to disperse vapors, flush spill area. Prevent runoff from entering waterways or sewers.

For additional information on toxicity, please refer to Section 11.

Section 4 - First Aid Measures

General advice:

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Inhalation

Move to fresh air. Call a physician immediately.

Skin contact

Rinse immediately with plenty of water and seek medical advice.

Ingestion

Do not induce vomiting without medical advice.

Eye contact

In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Protection of first-aiders

No information available.

Medical conditions aggravated by exposure

None known.

Section 5 - Fire Fighting Measures

FLASH POINT N/A

AUTOIGNITION TEMP N/A

FLAMMABILITY N/A

Suitable extinguishing media

Use dry chemical, CO₂, water spray or "alcohol" foam.

Specific hazards

Burning produces irritant fumes.

Unusual hazards

None known.

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific methods

Water mist may be used to cool closed containers.

NFPA rating

NFPA Health: 1

NFPA Flammability: 1

NFPA Reactivity: 0

Section 6 - Accidental Release Measures

Personal precautions

Use personal protective equipment.

Environmental precautions

Prevent product from entering drains.

Methods for cleaning up

Sweep up and shovel into suitable containers for disposal.

Section 7 - Handling and Storage

HANDLING

Use only in area provided with appropriate exhaust ventilation.

STORAGE

Store at

-18°C (Three years)

0~7°C (One years)

7~30°C (Half years)

Safe handling advice

Wear personal protective equipment.

Incompatible products

Oxidizing and spontaneously flammable products.

Section 8 - Exposure Controls / PPE

Engineering measures

Ensure adequate ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection

Breathing apparatus only if aerosol or dust is formed.

Hand protection

Pvc or other plastic material gloves.

Skin and body protection

Usual safety precautions while handling the product will provide adequate protection against this potential effect.

Eye protection

Safety glasses with side-shields.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Section 9 - Physical/Chemical Properties

Appearance:	White to off white powder
BP/BP Range	N/A
MP/MP Range	N/A
Vapor Pressure	N/A
Vapor Density	N/A
SG/Density	N/A
Bulk Density	N/A
Solvent Content	N/A
Viscosity	N/A
Surface Tension	N/A
Partition Coefficient	N/A
Decomposition Temp.	N/A
Flash Point	N/A
Flammability	N/A
Autoignition Temp	N/A
Solubility	N/A

Section 10 - Stability and Reactivity

Stability

Stable under recommended storage conditions.

Polymerization

None under normal processing.

Hazardous decomposition products

Nitrogen oxides (NO_x)/ammonia/CN⁻, Sulphur oxides

Materials to avoid

Strong oxidising agents

Conditions to avoid

Exposure to air or moisture over prolonged periods.

Section 11 - Toxicological Information

Product Information Acute toxicity

Selected LD50s and LC50s

Not Determined

Chronic toxicity

Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Local effects

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

Specific effects

May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.

Primary irritation

No data is available on the product itself.

Carcinogenic effects

No data is available on the product itself.

Mutagenic effects

No data is available on the product itself.

Reproductive toxicity

No data is available on the product itself.

Section 12 - Ecological Information

Mobility

No data available

Bioaccumulation

No data available

Ecotoxicity effects

No data available

Aquatic toxicity

May cause long-term adverse effects in the aquatic environment.

Section 13 - Disposal Considerations

Waste from residues / unused products

Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This

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product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.

Contaminated packaging

Do not re-use empty containers.

Section 14 - Transport Information

Transport Regulation

UN/Id No: Not regulated

DOT:

Proper shipping name: Not Regulated

U.S. DOT - Appendix A Table 1 - Reportable Quantities: Not Listed

TDG (Canada):

WHMIS hazard class: Non-controlled

IMDG/IMO

IMDG - Hazard Classifications: Not Applicable

U.S. DOT - Appendix B - Marine Pollutan: Not Listed

U.S. DOT - Appendix B - Severe Marine Pollutants: Not Listed

Section 15 - Regulatory Information

Regulation

International Inventories

Inventory - United States TSCA - Sect. 8(b) : Not Listed

Canada DSL Inventory List: Not Listed

Section 16 - Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

WARRANTY

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. Biorbyt shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.