

Safety Data Sheet

Creation Date 2021/12/13

1. Product and Company Information

Product Name : TGFβ1 inhibitor (TGFβ1 binding peptide)**Product Code** : PG-002**Company** : PeptiGrowth Inc.**Address** : 2-6-1 Marunouchi, Chiyoda-Ku, Tokyo 100-8086 JAPAN**Telephone** : +81-70-7789-3905**Recommended uses and restrictions on use:** For research purposes

2. Hazards Identification

GHS classification

Classification of the substance or mixture

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Pictograms: none**Signal word:** none

Hazard statements

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Precautionary statements-(Prevention)

Not applicable

Precautionary statements-(Response)

Not applicable

Precautionary statements-(Storage)

Not applicable

Precautionary statements-(Disposal)

Not applicable

Others

Other hazards: Not available

3. Composition/Information on Ingredients

Single substance or compound: Single

Common chemical name or general name: Peptide (Acetate)

Molecular weight w/o salt: 2407.74

Molecular Weight: 2587.90

Concentration: >98% (HPLC)

Dangerous components: Void

4. First Aid Measures**AFTER INHALATION**

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

AFTER SKIN CONTACT

In case of skin contact, wash off with soap and plenty of water.

AFTER EYE CONTACT

In case of eye contact, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

AFTER INGESTION

If swallowed, wash out mouth with water provided person is conscious.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRST AID MEASURES

Wear protect clothes while work.

5. Fire Fighting Measures**EXTINGUISHING MEDIA**

Suitable: Water spray, alcohol-resistant foam, carbon dioxide or dry chemical powder.

PROHIBITED MEDIA

No information

SPECIAL EXTINGUISHING MEASURES

Nothing special

SPECIAL RISKS

Nature of decomposition products not known.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures**PERSONAL PRECAUTIONS. PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Wear protect clothes while work.

ENVIRONMENTAL PRECAUTIONS

Avoid entering the river or affecting to the environment.

METHODS AND MATERIALS FOR NEUTRALIZATION CONTAINMENT AND CLEANING UP

Sweep up diffused spillage and place in empty container.

7. Handling and Storage**HANDLING**

Technical measures: Wear protectors.

Caution: Avoid contact with eyes, skin, and clothing.

Precautions for safe handling: Avoid contact with eyes, skin, and clothing.

STORAGE

Storage condition: Store at -20°C

Safe container packing materials: Nothing special

Incompatible materials: No data available

8. Exposure Controls / Personal Protection**CONTROL VALUE**

Not established

EQUIPMENT MEASURES

Nothing special

PROTECTIVE EQUIPMENT

Respiratory protection: Wear respiratory protection.

Hand protection: Wear protective gloves.

Eye protection: Wear protection

Skin and body protection: Wear protective clothing and safety shoes

9. Physical and Chemical Properties**APPEARANCE**

Physical State: Solid

Form: Powder

Color: white

Odour: No data available

BP/BP Range: No data available

MP/MP Range: No data available

Flash Point: No data available

Flammability: No data available

Autoignition Temp: No data available

Oxidizing Properties: No data available

Explosive Properties: No data available

Explosion Limits: No data available

Vapor Pressure: No data available

10. Stability and Reactivity**REACTIVITY**

No data available

CHEMICAL STABILITY

Stable under recommended storage conditions.

INCOMPATIBLE MATERIALS

No data available

CONDITION TO AVOID

Sunlight/ hot surfaces/ heat/ sparks/ open flames/ moistures

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous Decomposition. Nature of decomposition products not known.

11. Toxicological Information

Acute toxicity: No data available

Skin irritation/corrosion: No data available

Serious eye damage/ irritation: No data available

Respiratory or skin sensitization: No data available

Reproductive cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

STOT-single exposure: No data available

STOT-repeated exposure: No data available

Aspiration hazard: No data available

12. Ecological Information

Ecotoxicity: No information available

Other data: No data available

Persistence and degradability: No information available

Bio accumulative potential: No information available

Mobility in soil: No information available

Hazard to the ozone layer: No information available

13. Disposal Considerations

RESIDUES

Contact a licensed professional waste disposal service to dispose of this material.

Observe all federal, state, and local environmental regulations.

CONTAMINATED CONTAINER AND PACKING

Contact a licensed professional waste disposal service to dispose of this material.

Observe all federal, state, and local environmental regulations.

14. Transport Information

ADR/RID Not regulated

UN number - Proper shipping

name: UN classification

Subsidiary hazard class

Packing group

Marine pollutant: Not applicable

IMDG Not regulated

UN number - Proper shipping name:

UN classification

Subsidiary hazard class

Packing group

Marine pollutant (Sea) Not applicable

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: No information available

IATA Not regulated

UN number - Proper shipping name:

UN classification

Subsidiary hazard class

Packing group

Environmentally Hazardous

Substance: Not applicable

15. Regulatory Information

Not hazardous

16. Other Information

The information contained herein is based on the truth of our statement; this should not be considered a guarantee in our claims. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user.