

# Safety Data Sheet

**Creation Date** 2024/3/26

## 1. Product and Company Information

**Product Name** : TPO alternative peptide (TPOR agonist)**Product Code** : PG-010**Company** : PeptiGrowth Inc.

Address : 2-6-1 Marunouchi, Chiyoda-Ku, Tokyo 100-8086 JAPAN

Telephone : +81-70-7789-3905

**Manufacturer** : PeptiDream Inc.Address : 3-25-23 Tonomachi, Kawasaki-Ku, Kawasaki-Shi, Kanagawa 210-0821  
JAPAN

Telephone : + 81-44-270-1300

**Recommended uses and restrictions on use:** For research purposes

## 2. Hazards Identification

### GHS classification

#### Classification of the substance or mixture

PHYSICAL HAZARDS Classification not possible

HEALTH HAZARDS Classification not possible

ENVIRONMENTAL HAZARDS Classification not possible

**Pictograms:** none**Signal word:** none

### Hazard statements

Not a hazardous substance or mixture according to the Globally

Harmonized System (GHS)

**Precautionary statements-(Prevention)**

None

**Precautionary statements-(Response)**

None

**Precautionary statements-(Storage)**

None

**Precautionary statements-(Disposal)**

None

**Others**

Other hazards: Not available

**3. Composition/Information on Ingredients****Single substance or compound:** Single**Common chemical name or general name:** PeptideMolecular Formula: C<sub>320</sub>H<sub>480</sub>N<sub>62</sub>O<sub>103</sub>S<sub>2</sub>

Molecular Weight: 6907.81

Concentration:  $\geq 98\%$ **4. First Aid Measures****AFTER INHALATION**

Remove person to fresh air and keep comfortable for breathing. Get medical advice or attention if you feel unwell.

**AFTER SKIN CONTACT**

Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs or rash occurs: Get medical advice/attention.

**AFTER EYE CONTACT**

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**AFTER INGESTION**

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

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRST AID MEASURES**

Wear protective gloves/protective clothing/eye protection/face protection 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**

Move containers from fire area if it can be done without risk. If not possible, apply water from a safe distance to cool and protect surrounding area. Dry chemical powder or dry sand should be used for small fires.

**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. Keep personnel upwind and away from fire.

## 6. Accidental Release Measures

### **PERSONAL PRECAUTIONS. PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Wear protective gloves/protective clothing/eye protection/face protection 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 protective gloves/protective clothing/eye protection/face protection while work.

**Caution:** Avoid contact with eyes, skin, and clothing. Wash hand thoroughly after handling.

**Precautions for safe handling:** Avoid contact with eyes, skin, and clothing. Do not eat, drink or smoke when using this product.

### **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 eye protection/face protection.

**Skin and body protection:** Wear protective clothing and safety shoes

## 9. Physical and Chemical Properties

**APPEARANCE**

**Physical State:** Solid

**Form:** Powder

**Color:** white

**Odor:** 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**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

TSCA: Not listed

EINECS: Not listed

ELINCS: Not listed

### **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

## **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.

