

# Safety Data Sheet

**Creation Date** 2024/3/04

## 1. Product and Company Information

**Product Name** : KGF alternative peptide (FGFR2b agonist)**Product Code** : PG-012**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:** Chemical material, 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 (Purified peptide)**Common chemical name or general name:** PeptideMolecular Formula: C<sub>270</sub>H<sub>374</sub>F<sub>6</sub>N<sub>46</sub>O<sub>91</sub>S<sub>2</sub>

Molecular Weight: 5898.30(salt free), 6018.40 (Acetate)

Concentration:  $\geq 98\%$ 

Dangerous components: Void

Additional information: All other ingredients in the proportions used are considered non-hazardous by regulating bodies worldwide

**4. First Aid Measures****AFTER INHALATION**

If inhaled, remove person to fresh air and keep comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice or attention if you feel unwell.

**AFTER SKIN CONTACT**

In case of 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**

In case of eye contact, flush with copious amounts of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Assure adequate flushing by separating the eyelids with fingers. 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 (Shipping: Normal)

**Safe container packing materials:** Glass, Polypropylene

**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.