

## SAFETY DATA SHEET

Version: 1.1  
Date written: 12<sup>th</sup> July 2013  
Date reviewed: 02 March 2017  
Date reviewed: 16 Sep 2020

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name **A2G2S2 – KVANKT glycopeptide**  
Product Catalogue Name **BQ-GPEP-A2G2S2-10U**  
CAS-No. **189035-43-6**  
Company: Ludger Ltd  
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### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [EU-GHS/CLP]

**Not a hazardous substance according to Regulation (EC) No. 1272/2008**

#### 2.2 Label elements

The substance does not require any labelling in accordance with EC directives or respective national laws.

Signal Word: None

#### Hazard Statement(s)

None

#### Precautionary Statement(s)

None

#### 2.3 Other hazard information:

None

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Synonyms: A2G2S2 – KVANKT Glycoprotein

Component	Concentration
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Name	A2G2S2 – KVANKT glycopeptide	-
CAS-No.	189035-43-6	
EC-No.	None	

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## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General Advice

Consult a physician if exposure causes ill effects and if in any doubt. Show this safety data sheet to the physician/ first responder in attendance.

#### If Ingested

Rinse mouth well with water.

#### If skin is exposed

Wash the exposed area(s) well with plenty of soap and water.

#### If eyes are exposed

Flush the eye(s) with plenty of water or eye wash solution. If possible and present, remove contact lenses and continue rinsing.

#### If inhaled

Remove effected person(s) to a source of fresh air. If person is not breathing give artificial respiration.

### 4.2 Most important symptoms and effects, both acute and delayed

No data available

### 4.3 Indication of immediate medical attention and special treatment needed

No data available

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## SECTION 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Water spray, dry chemical, carbon dioxide or foam, are appropriate media for extinguishing fire. Choose the most appropriate for the surrounding fire and materials.

### 5.2 Special hazards arising from the substance or mixture

No data available

### 5.3 Advice for firefighters

Fire fighters to wear self-contained breathing apparatus.

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## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing in any material, dust mask if appropriate. Wear laboratory gloves and protective clothing, such as a laboratory coat.

### 6.2 Environmental Precautions

No data available

### 6.3 Methods and material for containment and cleaning up

Collect the spillage with an absorbent material, such as paper towel, vermiculite, sand. Collect and store the spillage/waste material in an appropriately labelled container, arrange collection for disposal. Wash spillage area with water.

#### 6.4 Reference to other sections

More information on disposal of the product is in Section 13.

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## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin, inhalation of dust, mists and/or vapours associated with the material. Wear laboratory gloves, coat and glasses, in accordance with good laboratory practice and wash hands before and after handling the material.

### 7.2 Conditions for safe storage, including any incompatibilities

Store below - 18°C. The material is to be stored in original packaging or similar tightly closing packaging.

### 7.3 Specific end uses

No data available

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with work place control parameters

This product contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Appropriate engineering controls

User to wear personal protective equipment e.g. Laboratory gloves, glasses and coats. Wash hands and avoid contact with skin.

#### Personal Protective Equipment

##### Eye / face protection

Use Safety glasses or goggles, which have been tested and approved under appropriate government standards, such as NIOSH (US) or EN 166 (EU).

##### Skin protection

Handle with gloves. Wearer should check for holes/tears before use. Proper glove removal technique should be used, to avoid potential contact with skin. Gloves must satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Wash and dry hands after handling the material.

##### Body Protection

Wear laboratory coat or similar coverings.

##### Respiratory protection

Respiratory protection is not required.

##### Thermal hazards

No data available

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Opaque crystalline powder
Odour	None
Odour threshold	No data available
pH	No data available
Freezing/Melting Point	No data available
Initial boiling point and boiling range	No data available
Flash Point	No data available
Evaporation rate	No data available
Flammability	No data available
Upper/lower flammability or explosive limits	No data available
Vapour Pressure	No data available
Relative Density	No data available
Solubility in water and solvents	Soluble
Partition coefficient	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

## 9.2 Other information

No data available

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## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable when stored at recommended temperature. Store at -18°C.

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to Avoid

Avoid exposure to sources of heat and humidity.

### 10.5 Incompatible materials

No data available

### 10.6 Hazardous decomposition products

No data available

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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute toxicity

No data available

#### Skin corrosion/irritation

No data available

**Serious eye damage/irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.

**Reproductive toxicity**

No data available

**STOT-single exposure**

No data available

**STOT-repeated exposure**

No data available

**Aspiration hazard.**

No data available

**Potential Health Hazards**

<b>Inhalation</b>	Possible allergic reaction to the material, reaction can be acute.
<b>Ingestion</b>	Possible allergic reaction to the material, reaction can be acute.
<b>Skin</b>	Possible allergic reaction to the material, reaction can be acute.
<b>Eyes</b>	Possible allergic reaction to the material, reaction can be acute.

**Signs and symptoms of exposure**

Possible hypersensitivity to material.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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**SECTION 12. ECOLOGICAL INFORMATION****12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

No data available

**12.3 Bioaccumulative potential**

No data available

**12.4. Mobility in soil**

No data available

**12.5. Results of PBT and vPvB assessment**

No data available

**12.6. Other adverse effects**

