

MATERIAL SAFETY DATA SHEET

In compliance to European parliament and Committee (EC) no. 1907/2006 (REACH)
and the Committee directive (EU) no. 453/2010

EPITHALON white powder

Publication date: 13.12.2024

Page 1 of 8

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/
UNDERTAKING****1.1. Product identifiers**

Product name: EPITHALON white powder

CAS number: 307297-39-8

Other names: Glycine, L-alanyl-L-alpha-glutamyl-L-alpha-aspartyl-

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Substance for the research uses only

1.3. Details of the supplier of the safety data sheet

Distributor: BioWell Damian Krawczyk

Address: Krakowskie Przedmieście 79
00-079 Warszawa

ID:

Telephone: +48 696 784 114

E-mail: info@biowell-labs.pl

1.4. Emergency Telephone number

Bureau for Chemical Substance

Address: Dowborczykow 30/34
Lodz 90-019, Poland

Telephone: +48 42 2538 400

E-mail: biuro@chemikalia.gov.pl

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

Classification of the mixture according to directive (EC) No 1272/2008: mixture is not considered as hazardous

MATERIAL SAFETY DATA SHEET

In compliance to European parliament and Committee (EC) no. 1907/2006 (REACH)
and the Committee directive (EU) no. 453/2010

EPITHALON white powder

Publication date: 13.12.2024

Page 2 of 8

2.2. Label elements

There is no need to label the product in compliance with the directives of European Committee of national regulation/legislation.

2.3. Other hazards

None.

SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS**3.1. Substances**

Molecular formula: **C₁₄H₂₂N₄O₉**

Molar weight: **390.35 g/mol**

SECTION 4: FIRST AID MEASURES**4.1. Description of the first aid measures**

In case of an accident of the health issue get immediate medical advice/attention.

If inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.

If on skin

Rinse cautiously with water for several minute. Get medical advice/attention.

If swallowed

DO NOT INDUCE VOMITING – NOT TO INCREASE THE DANGER OF ADDITIONAL DAMAGE OF DIGESTIVE TRACT!! GET IMMEDIATE MEDICAL ADVICE/ATTENTION!

If in eyes

Rinse cautiously with water for several minutes. Remove contact lenses. Continue rinsing. Get immediate medical advice/attention.

4.2. Most important symptoms and effects, both acute and delayed**If on skin**

May cause skin irritation and/or dermatitis.

MAY CAUSE AN ALLERGIC REACTION.

If swallowed

MAY CAUSE RESPIRATORY IRRITATION.

MATERIAL SAFETY DATA SHEET

In compliance to European parliament and Committee (EC) no. 1907/2006 (REACH)
and the Committee directive (EU) no. 453/2010

EPITHALON white powder

Publication date: 13.12.2024

Page 3 of 8

4.3. Identification of immediate medical attention and special treatment

No data available.

SECTION 5: FIRE-FIGHTING MEASURES**5.1. Extinguishing media**

Use dry chemical, CO₂, water spray or “alcohol” foam.

5.2. Special hazards arising from the substance or mixture

In case of fire flaring can cause the irritation vapour arises.

5.3. Precautions for fire-fighters

In case of fire wear self-respiratory protection MSHA/NIOSH (proved or equivalent) and complete protection dress.

SECTION 6: ACCTIDENTIAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required.

6.2. Environmental precautions

Avoid soil contamination and outflow to surface or ground water.

6.3. Methods and materials for containments and cleaning up

Cover the spill of the mixture with non-flammable absorbent. Store the absorbent in closed containers and handle the waste according the information in paragraph 13.

6.4. Reference to other sections

Section 7, 8 a 13

MATERIAL SAFETY DATA SHEET

In compliance to European parliament and Committee (EC) no. 1907/2006 (REACH)
and the Committee directive (EU) no. 453/2010

EPITHALON solid

Publication date: 13.12.2024

Page 4 of 8

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Use personal protective equipment as required. Store in a well-ventilated place with exhaust plant.

7.2. Conditions for safe storage, including any incompatibilities

Store in a closed container at temperature: -10°C for 3 years
0 – 5°C for 1 year
7 – 10°C for 6 months.

7.3. Specific end use/uses

The spontaneous products of flaming occur of in fire.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Does not contain substances with threshold exposure limits for working places.

8.2. Exposure controls

Care of the health protection at the working places especially of the good air conditions of the working places. For the good air conditions use local or areal exhausting system.

Respiratory protection

Use the mask with the filter protecting against aerosols or ashes.

Skin protection

Hand protection: Gloves resistant to the product. Follow the recommendation of the gloves producers for the thickness, material and permeability. For the long term contact with the mixture use proper skin cream.

Eye/face protection

Use glasses and face shield (depended on the work you make).

MATERIAL SAFETY DATA SHEET

In compliance to European parliament and Committee (EC) no. 1907/2006 (REACH)
and the Committee directive (EU) no. 453/2010

EPITHALON white powder

Publication date: 13.12.2024

Page 5 of 8

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	
Conditions	Powder
Colour	White or coloured
Odour	N/A
pH	N/A
Melting/setting temperature	N/A
Boiling temperature	N/A
Flash temperature	N/A
Surface tension	N/A
Vapour pressure	N/A
Viscosity	N/A
KOW: n-octanol/water	N/A
Decomposition temperature	↑↑0°C
Flammability	
Solubility	Soluble in water

9.2. Other safety information

Data not available.

SECTION 10: STABILITY AND REACTIVITY**10.1. Chemical stability**

The mixture is stable under normal conditions.

10.2. Polymerization

None under normal processing.

10.3. Possibility of hazardous reactions

Mixture is stable on the normal conditions.

10.4. Conditions to avoid

Mixture is stable on normal conditions, no decomposition. Protect against air or humidity for a longer time.

MATERIAL SAFETY DATA SHEET In compliance to European parliament and Committee (EC) no. 1907/2006 (REACH) and the Committee directive (EU) no. 453/2010	
EPITHALON white powder	
Publication date: 13.12.2024	Page 6 of 8

10.5. Incompatible materials

Protect against strong oxidants.

10.6. Hazardous decomposition products

Nitrous oxide (NO_x), Ammonia, Cyanides oxides, Sulphured oxides

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Concentrations LD₅₀ a LC₅₀ were not set.

Chronic toxicity

Chronic exposure may cause retch or vomiting. Higher exposure causes trace.

Local effects

Symptoms heavier exposure may be headache, dizziness, lassitude, retch and vomiting.

Specific effects

Can content mean or heavy erythema and middle oedema, retch, vomiting, headache.

Irritation

No data available.

Carcinogenic effects

Mutagenic effects

Reproduction toxicity

Potential health effects

If inhaled	Harmful if inhale. May cause respiratory irritation.
If swallowed	Harmful if swallowed.
Skin	May cause an allergic skin reaction. Causes skin irritation.
Eye	Causes serious eye irritation

MATERIAL SAFETY DATA SHEET

In compliance to European parliament and Committee (EC) no. 1907/2006 (REACH)
and the Committee directive (EU) no. 453/2010

EPITHALON white powder

Publication date: 13.12.2024

Page 7 of 8

SECTION 12: ECOLOGICAL INFORMATION**12.1. Mobility**

Data not available.

12.2. Bioaccumulative potential

Data not available.

12.3. Ecotoxicological effects

Data not available.

12.4. Toxicity for water organisms

May cause long lasting harmful effects to aquatic life.

12.5. Other adverse effects

Not present

SECTION 13: DISPOSAL CONSIDERATION

Danger of contamination of the environment, follow your country legislation/regulation.

13.1. Waste treatment methods

Follow valid waste treatment legislation. Non used product and used packaging store into the marked containers and forward to authorised waste company which is authorised to the operation with the specific waste category. It is not allowed to re-use once used packaging again.

13.2. Legislation for the waste treatment

Follow your country legislation/regulation.

SECTION 14: TRANSPORT INFORMATION**14.1. UN-number**

ADR/RID: -

IMDG: -

IATA: -

14.2. UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

MATERIAL SAFETY DATA SHEET

In compliance to European parliament and Committee (EC) no. 1907/2006 (REACH)
and the Committee directive (EU) no. 453/2010

EPITHALON white powder

Publication date: 13.12.2024

Page 8 of 8

14.3. Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.4. Environmental hazards

ADR/RID: No

IMDG Marine pollutant: No

IATA: no

SECTION 15: REGULATORY INFORMATION

Safety data sheet complies with the Directive (EC) no 1907/2006.

15.1. Safety, health and environmental regulations/legislation specific form or mixture

Data not available.

15.2. Chemical safety assessment

Data not available.

SECTION 16: OTHER INFORMATION

For the research and development purpose only. It is strict prohibited to use the substance for drugs, home use or other use.

Notice to reader:

BioWell Labs shall not be held liable for any damage resulting from handling or from contact with the above product. BioWell Labs does not assume any liability whatsoever for the accuracy or completeness of the information contained herein.

This material must only be handled by suitably qualified experienced scientists in appropriately equipped and authorized facilities. Always consult your safety advisor and follow appropriate local and national safety legislature. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists. End of safety data sheet.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Statement

Safety data sheet contents data for the health and safety protection for the workers and environment. Data are in compliance up to date knowledge and experience and do comply with valid regulations and legislation. There cannot guaranty overall for the proper use or usage for the concrete application.