

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) and its amendments.

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SECTION 1: Identification of the substance / mixture and of the company / undertaking.

1.1. Product identifier.

Product name:	HEN EGG ALBUMEN POWDER FOAMY EX, HIGHSOLUABLE
Production code:	S/Z2 01-02-02-02

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

Identified uses:	Food industry.
Uses advised against:	Other than the above.

1.3. Details of the supplier of the safety data sheet.

Name:	Ovopol Sp. z o.o.
Address:	67-100 Nowa Sól, ul. Motoryzacyjna 8
Telephone No:	+48 68 387 32 51
e-mail:	ovopol@ovopol.pl
The person giving information on the safety data sheet:	m.guziak@ovopol.pl

1.4. Emergency telephone number.

112 or 998, or the nearest emergency.

SECTION 2: Hazards identification.

2.1. Classification of the substance or mixture.

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
Can cause allergic reactions.

2.2. Label elements.

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

2.3. Other hazards.

Product dust may form an explosive mixture with air.

SECTION 3: Composition/information on ingredients.

Name:	Identification number:		Classification acc. To 67/548/EU	Classification acc. to Regulation 1272/2008	Concentration:
Hen egg albumen	No CAS:	Not applicable	Not classified	Not classified	Min. 99,5%
	No index:	Not applicable			
	No WE:	Not applicable			
Triethyl citrate	No CAS:	77-93-0	Not classified	Not classified	Max. 0,5%
	No index:	Not applicable			
	No WE:	Not applicable			

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16.

SECTION 4: First aid measures.

4.1. Description of first aid measures.

Inhalation:	In case of excessive inhalation remove the person into fresh air. If not breathing, give artificial respiration and provide medical assistance.
Ingestion:	In case of ingestion, rinse mouth with water, give to drink a glass of water, if necessary, provide medical assistance. Never give anything by mouth to an unconscious person.
Skin contact:	In case of contamination of the skin, wash the area with soap and water.
Eye contact:	In case of contact with eyes, flush eyes plenty of water with widely opened eyelids, provide medical assistance if necessary.

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

A substance that causes nausea or vomiting if swallowed in large amounts.

4.3. Indication of any immediate medical attention and special treatment needed.

No data available.

SECTION 5: Firefighting measures.

5.1. Extinguishing media.

Suitable extinguishing media: water, CO₂, foam, or chemicals.

5.2. Special hazards arising from the substance or mixture.

Combustion of the product may generate CO, CO₂ and other unidentified hazardous organic and inorganic substances.

5.3. Advice for firefighters.

In case of fire, use traditional protection measures used in extinguishing the fire. Wear positive pressure self-contained breathing apparatus (SCBA) if necessary.

SECTION 6: Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

6.2. Environmental precautions.

Avoid discharging excessive quantities of the product to sewers and directly to the ground or aquatic environment, avoid dispersing dust.

6.3. Methods and material for containment and cleaning up.

Remove the product by collecting to dedicated containers for a disposal in accordance with the current law requirements. Use shovels, brushes and other dry-cleaning equipment.

6.4. Reference to other sections.

Remove the waste in accordance with the recommendations of section 13.

SECTION 7: Handling and storage.

7.1. Precautions for safe handling.

Be careful not to damage bags or cardboards while handling. Apply the general rules of safety and health issues. Provide effective ventilation of the premises (general or local exhaust ventilation). Avoid dust formation. Avoid contact with skin or eyes. Prevent excessive inhalation of dust. Do not eat, drink and smoke while working with the product, with the exception of places intended for this purpose; wash hands before breaks and after work with the substance.

7.2. Conditions for safe storage, including any incompatibilities.

Keep in a tightly closed and properly labelled packages in a dry premises. Protect from high temperatures and direct sunlight.

7.3. Specific end use(s).

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection.

8.1. Control parameters.

The legal basis:

PN-89/Z-01001/06. Protection of air cleanness. Terms, definitions and units of measure. Terms regarding the quality testing of air on the workplace.

PN Z-04008-7:2002. Protection of air cleanness. Samples taking. The principles of sample taking of air on the workplace and interpretation of the results.

PN-EN 689:2002: Workplace atmospheres. Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.

8.2. Exposure controls

Use the personal protective equipment complied with requirements of EU Regulations.

Respiratory protection:

- when dust is created use respiratory protection.

Eye protection:

- use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Hand protection:

- use protective gloves.

Technical protective measures:

- ventilated premises.

Other protective equipment:

- workwear.

General recommendations:

-Act in accordance with the principles of good manufacturing practice (GMP).

SECTION 9: Physical and chemical properties.

9.1. Information on basic physical and chemical properties .

Appearance:	Powder.
Colour:	White or light-creamy.
Odour:	Typical for eggs.
Consistency:	Fine powder.
pH:	5,0 – 8,5
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 limit:	No data available.
Vapour density:	No data available.
Bulk density:	Between 400 g/l and 750 g/l.
Solubility:	Soluble in water.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

Explosive properties:	No data available.
Oxidizing agents:	No data available.

9.2. Other information .

Does not apply.

SECTION 10: Stability and reactivity.

Reactivity:	No data available.
Chemical stability:	Stable under recommended conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Protect against high temperatures.
Incompatible materials:	Avoid oxidizing agents.
Hazardous decomposition products:	No data available.

SECTION 11: Toxicological information.

Acute toxicity:	No data available.
Skin corrosion/ irritation:	Shows no corrosive action.
Eye irritation:	May cause irritation.
Skin irritations:	No data available.
Respiratory tract irritation:	No data available.
Respiratory and skin sensitisation:	May cause allergic reactions to people with allergic tendencies.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity:	No data available.
Specific target organ toxicity – single and repeated exposure:	No data available.
Aspiration hazard:	No data available.

SECTION 12. Ecological information.

Toxicity:	No data available.
Persistence and degradability:	No data available.
Bioaccumulative potential:	No data available.
Mobility in soil:	No data available.
Results of PBT and vPvB assessment:	No data available.
Other adverse effects:	No data available.

SECTION 13. Disposal considerations.

Cleaning procedure is recommended in section 6.

For the product:

Chemicals must be disposed of in compliance with the respective national regulations.

Comply with REGULATION (EC) No 1069/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 October 2009 laying down health rules as regards animal by-products and derived products not intended for human consumption and repealing Regulation (EC) No 1774/2002 (Animal by-products Regulation)

Packaging:

Must be disposed of in compliance with the country-specific regulations.

SECTION 14. Transport information.

UN number:	Does not apply.
UN proper shipping name:	Does not apply. Not dangerous goods.
Transport hazard class(es):	Does not apply.
Packing group:	Does not apply.
Environmental hazards:	The substance does not constitute as a hazard to the environment in accordance with the criteria set out in the model regulations of the UN.
Special precautions for user:	Does not apply.
Transport in bulk according to Annex II of MARPOL and the IBC Code:	Does not apply.

SECTION 15. Regulatory information.

The product is classified and designated according to the conventional methods defined in the REGULATION (EC) No 853/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 29 April 2004 laying down specific hygiene rules for on the hygiene of foodstuffs.

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

The product must not be labelled as harmful/dangerous. A chemical safety report is not required.

SECTION 16. Other information.

Full text of H-Statements referred to under sections 3:

Eye Irrit. Eye irritation

H319 Causes serious eye irritation.

Full text of R-phrases referred to under sections 3:

Xi Irritant

R36 Irritating to eyes.

This document can not to be treated as product specification. The product must be handled by competent persons who have access to this document. OVOPOL Sp. z o.o. has included information and recommendations contained in this document on the basis of sources regarded to be reliable and truthful. The document represents most updated and moderate opinion.

We do not provide any warranty or assurance that information contained in this document is sufficient and correct. Since the conditions of use of the product are beyond our control, the user bears the responsibility for establishing safe conditions of use.

Changes from the previous version:

- General update of the document.

Training:

- Persons engaged in the marketing of the product should be trained in the field of safety, hygiene and conduct.