

SAFETY DATA SHEET

based on regulation EU No. 1907/2006/EC (REACH) as amended by Regulation No. 878/2020/EU

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 PRODUCT IDENTIFICATION

Product category mixture
Commercial name: Pea Protein Concentrate (PPC 55)

1.2. PROPERLY IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE, OR CONTRA-INDICATED USES

Product use: pea protein concentrate - for industrial use only
Contra-indicated uses: Use other than the specified identified use

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company name and address: HELVÉT-FARM ZRT.,
Orosháza, Alsó tanyák 0328/40, 5900,
e-mail: iroda@helvet-farm.hu
Tel.: +36 68 410 043

1.4. EMERGENCY PHONE CONTACT:

Egészségügyi Toxikológiai Tájékoztatói Szolgálat
Cím: 1096 Budapest, Nagyvárad tér 2.
Telefon: +36 80 201-199

SECTION 2 - HAZARDS IDENTIFICATION SUMMARY

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

Classification of the material in accordance with Regulation No. 1272/2008/EC

not dangerous, not classified

Physical and chemical, health and environmental effects:
As far as we know, it does not pose any risk

2.2 LABEL ELEMENTS

On the basis of regulation No. 1272/2008/EC
The product has been classified and labeled according to the CLP regulation

Hazard pictograms: Not necessary

Signal word: Not necessary

Hazard statements: Not necessary

Precautionary statements: Not necessary

2.3 OTHER HAZARDS

According to Annex XIII of the REACH regulation, your product does not contain substances assessed as PBT or vPvB in an amount of 0.1% or more

Endocrine disruptor assessment: Criteria not met

SECTION 3 - COMPOSITION, INFORMATION OF INGREDIENTS

3.1. SUBSTANCES:

Not applicable

3.2. MIXTURE

The product does not contain an ingredient to be indicated in accordance with section 3.2 of the REACH regulation.

SECTION 4 - FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation: The affected person should be taken to fresh air and kept at rest so that they can breathe easily.

Skin contact: If the product has come into contact with the skin, it is recommended that the surface in contact with the product should be washed with plenty of water.

Eye contact: In case of contact with the eyes, wash the eyes immediately with open eyelids.

Ingestion: If you feel unwell, contact a toxicologic center or a doctor.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

No additional information available

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Symptomatic treatment

SECTION 5 - FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media: water spray, dry extinguishing agent, foam

Unsuitable extinguishing media: No additional information available

5.2. SPECIFIC HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

In case of fire, toxic fumes may be produced

5.3 PRECAUTIONS FOR FIRE FIGHTERS

Firefighters should wear full protective gear

A self-contained breathing apparatus and full protective clothing must be worn

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1. For Non-Emergency Personnel

Emergency procedures: Adequate ventilation must be provided in the outdoor area.

6.1.2. For Emergency Responders

No activity can be carried out without appropriate protective equipment. For more information, see 6.1.1. "For non-emergency providers".

6.2. ENVIRONMENTAL PRECAUTIONS

The release of the product into the environment must be avoided

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP:

Methods for cleaning up	Pick up mechanically
Others	Treatment of the material or solid residues as waste: according to regulations

6.4. REFERENCE TO OTHER SECTIONS:

Additional information: Section 13.

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

Dust must be avoided
Adequate ventilation must be provided at the place of work.
Personal protective equipment must be worn

Precautions for hygiene

You must not eat, drink or smoke during the treatment. Hands should always be washed after treatment.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage conditions	Store in a well-ventilated, cool, dry place
Best before date	24 months from the date of manufacture

7.3. SPECIFIED END USE(S): No data available**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION****8.1. CONTROL PARAMETERS****Permissible limit values in the workplace airspace:**

Hungary - 5/2020(II.6) ITM decree
other inert powders:
ÁK values
Inhalable concentration: 10 mg/m³
Respirable concentration: 6-10 mg/m³

DNEL value: No data available

PNEC value: No data available

8.2. EXPOSURE CONTROL

Appropriate technical measures: Use only with adequate ventilation. If dust is generated during use, use local exhaust or other engineering control equipment to ensure worker exposure to airborne contaminants remains below any recommended or legal limits. Technical control devices are also required to keep the concentration of gases, vapors or dust below the explosion threshold. Use explosion-proof ventilation equipment.

Respiratory protection: In case of inadequate ventilation or if the exposure limit value is exceeded, respiratory protection must be worn

Eye protection: Safety glasses complying with the EN 166 standard must be worn

Skin protection: Appropriate protective clothing must be worn

Hand protection: Protective gloves wearing

Body protection: Appropriate protective clothing must be worn

Heat hazard No data available

Environmental exposure control: No data available

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Appearance:	Solid (powder)
Color:	Lightly yellow
Odor:	Characteristic
pH	Not relevant
Boiling Point	No data available
Melting Point	No data available
Flash Point:	No data available
Flammability (solid, gas)	No data available
Auto-Ignition hazard	Not applicable
Decomposition Temperature	No data available
Lower and upper explosive limits	No data available
Combustion properties	No data available
Vapor Pressure	No data available
Cluster Density	270 g/dm ³
Solubility	
water	soluble
Partition coefficient n-octanol/water	No data available
Vapor Density	Not determined
Particle Characteristics	
Average particle size	No data available

9.2. OTHER INFORMATION

Allergen information: The product does not contain any allergen compound based on regulation No. 1169/2011/EU.

Pesticides /EU: The product meets the requirements of regulation 396/2005/EU.

Contaminants: The product complies with Regulation 916/2023/EU in terms of food pollutants. In accordance with Regulation 1829/2003/EU, the product does not contain genetically modified (GMO) ingredients.

SECTION 10 - STABILITY AND REACTIVITY

10.1. PRODUCT REACTIVITY

The product is reactive at normal handling and storage conditions

10.2. CHEMICAL STABILITY

The product is stable at normal handling and storage conditions

10.3. HAZARDOUS REACTIONS:

Will not occur with proper use, handling and storage

10.4. CONDITIONS TO AVOID:

Will not occur with proper use, handling and storage. (see section 7.)

10.5. INCOMPATIBLE MATERIALS:

No data available

10.6. HAZARDOUS DECOMPOSITION PRODUCTS:

Will not occur with proper use, handling, transporting and storage

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1. Information on the hazard classes defined in Regulation (EC) No. 1272/2008

ACUTE TOXICITY

Based on the available data, the classification criteria are not met

Skin contact Not classified

Based on the available data, the classification criteria are not met

Eye contact:

Based on the available data, the classification criteria are not met

Respiratory or skin sensitization Not classified

Based on the available data, the classification criteria are not met

Germ cell mutagenicity:

Based on the available data, the classification criteria are not met

Carcinogenicity:

Based on the available data, the classification criteria are not met

Reproductive toxicity:

Based on the available data, the classification criteria are not met

Specific Organ toxicity (single exposure):

Based on the available data, the classification criteria are not met

Specific Organ toxicity (repeated exposure):

Based on the available data, the classification criteria are not met

Aspiration hazard:

Based on the available data, the classification criteria are not met

11.2. OTHER ADVERSE EFFECTS

11.2.1 Endocrine disrupting properties

The mixture does not contain, in a concentration of 0.1% or more, substance/substances that are included in the list created in accordance with Article 59(1) of REACH as substances with endocrine disrupting properties, or (EU) 2017/2100 with its delegated commission decree, and Commission (EU) 2018/605 no. in accordance with its decree, they have not been identified as substance/substances with properties that damage the endocrine system.

11.2.2. OTHER INFORMATION: No data available

SECTION 12 - ECOLOGICAL INFORMATION

No experimental data is available for the product.

12.1 TOXICITY

GENERAL INFORMATION	The product is not harmful to aquatic life.
ACUTE TOXICITY	Not classified
CHRONICAL TOXICITY	Not classified

12.3 BIOACCUMULATION No data available

12.4 MOBILITY IN SOIL No data available

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

Contains no components assessed as PBT or vPvB

12.6. Endocrine disrupting properties

The mixture does not contain, in a concentration of 0.1% or more, substance/substances that are included in the list created in accordance with Article 59(1) of REACH as substances with endocrine disrupting properties, or (EU) 2017/2100 with its delegated commission decree, and Commission (EU) 2018/605 no. in accordance with its decree, they have not been identified as substance/substances with properties that damage the endocrine system.

12.7. OTHER ADVERSE EFFECTS No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1. WASTE DISPOSAL METHODS

The product that has become waste must be treated in accordance with the regulations.
Have a licensed contractor handle the waste.
It is not hazardous waste.

SECTION 14 - TRANSPORT INFORMATION

14.1 UN-NUMBER	ADR,ADN,IMDG,IATA	Not dangerous goods in sense of transport regulations
14.2. UN PROPER SHIPPING NAME	ADR,ADN,IMDG,IATA	Exempt
14.3 TRANSPORT HAZARD CLASS:	ADR,ADN,IMDG,IATA	
Class		Exempt
14.4 PACKING GROUP	ADR,ADN,IMDG,IATA	Exempt
14.5. ENVIRONMENTAL HAZARDS	ADR,ADN,IMDG,IATA	
14.6 SPECIAL PRECAUTIONS FOR THE USER		Not applicable
14.7 SHIPPING IN BULK BY SEA ACCORDING TO IMO REGULATIONS		Not applicable

SECTION 15 - REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation related to the substance or mixture****1907/2006/EC REACH regulation:**

It does not contain substances that can be used with restrictions listed in Annex XVII of the REACH Regulation

It does not contain substances listed in Annex XIV of the REACH Regulation

According to Article 57 of the REACH regulation, substances of very high concern (SVHC):

Does not contain

Seveso directive Not regulated by Seveso directive

15.2. CHEMICAL SAFETY ASSESSMENT

No chemical safety assessment has been carried out for the product.

SECTION 16 - OTHER INFORMATION**Abbreviations and Acronyms:**

ADR = International Road Transport of Dangerous Goods

ATE = Assessment of Acute Toxicity

CLP= Regulation of the European Parliament and the Council on the Classification, Labeling and Packaging of Substances and Mixtures [EC Regulation No. 1272/2008]

DNEL = Derived No Effect Level

EC50 = half maximal effective concentration

EUH statement = CLP-specific Signal word

IATA = Air Transport of Dangerous Goods

IMDG = International Maritime Transport of Dangerous Goods

LC50 = Halálos koncentráció 50

LD50 = Közepes halálos dózis

PBT = Persistent and toxic

PNEC = Estimated No Effect Concentration

RRN = REACH registration number

vPvB= Very persistent and very bioaccumulative

The most important literature references and data sources:

No data available

Classification on the basis of regulation No. 1272/2008/EK (CLP/GHS):

Not classified

The full text of the abbreviated H phrases on the safety data sheet

Not applicable

The full text of the classification categories given in the safety data sheet

Not applicable

Other information: The information provided in the safety data sheet is based on current knowledge and the delivery status of the product. Their purpose is to evaluate the product in accordance with the safety regulations and not to provide the product with appropriate properties