

SAFETY DATA SHEET	Version	: 01_2023	Revision date	: 18/07/2023
	Product name	: Wheat Protein (Kelyamin Liquid)		

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

1.1 Product identifier

Commercial name : Wheat Protein (Kelyamin Liquid)
 Product code : P222131
 Chemical designation (INCI name) : *Hydrolyzed wheat protein*
 CAS No. : 70084-87-6 / 94350-06-8
 REACH Registration No. : *this substance is exempted from Registration according to the provisions under REACH*
 UFI : *not applicable*

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

Relevant identified uses : *raw material for cosmetic industries. Only for industrial use*
 Uses advised against : *the substance/mixture must not be used for other uses than those indicated*

1.3 Details of the supplier of the safety data sheet

Supplies for Candles Ltd & The Soap Kitchen Ltd
 Unit E Swinton Bridge Industrial Estate
 Whitelee Road
 Swinton
 South Yorkshire
 S64 8BH
 Office Hours Mon- Fri 8.00 – 16.00
 customerservice@suppliesforcandles.co.uk
 TEL: 01709 257151

1.4 Emergency telephone number

01709 257151

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] : *non-classified*
 Additional information : *none*

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] : *labelling not applicable*

2.3 Other hazards

The substance does not meet the criteria for vPvB and PBT according to Regulation (EC) No. 1907/2006, Annex XIII
Based on available information, the substance does not have endocrine disrupting properties according to Regulation (EU) 2017/2100

SECTION 3: Composition/information on ingredients

3.1 Substances

Water-soluble extract of wheat peptides obtained by enzymatic hydrolysis of wheat (Triticum vulgare) proteins

Component	CAS No.	%	Classification according to Reg. (EC) No. 1272/2008 [CLP]
<i>Water</i>	<i>7732-18-5</i>	<i>to 100</i>	<i>non-classified</i>
<i>Hydrolyzed wheat protein</i>	<i>70084-87-6 / 94350-06-8</i>	<i>22 - 26</i>	<i>non-classified</i>
<i>Phenoxyethanol</i>	<i>122-99-6</i>	<i>< 1</i>	<i>Acute Tox. 4 H302, Eye Dam. 1 H318, STOT SE 3 H335</i>
<i>Sodium benzoate</i>	<i>532-32-1</i>	<i>< 1</i>	<i>Eye Irrit. 2 H319</i>

3.2 Mixtures

Not applicable

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SECTION 4: First aid measures

4.1 Description of first aid measures

general notes	: none
following inhalation	: none
following skin contact	: wash the skin with plenty of water. Remove contaminated clothing. In case of skin irritation consult a doctor
following eye contact	: rinse thoroughly for several minutes. If eye irritation persists, consult a doctor
following ingestion	: none in particular. In case of illness contact a poison control centre or doctor
self-protection of the first aider	: none in particular

4.2 Most important symptoms and effects, both acute and delayed

Inhalation	: none
Skin contact	: none in particular
Eye Contact	: the product can cause a slight irritation due to the acidic pH value
Ingestion	: none in particular

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: dry chemical agents, foam, carbon dioxide, water
Unsuitable extinguishing media	: none in particular

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products	: possible release of toxic fumes. An incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases
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5.3 Advice for firefighters

Protection during firefighting	: do not intervene without adequate protective equipment. Self-contained breathing respirator. Full body protection
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Emergency procedures	: none in particular
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6.1.2 For emergency responders

Protective equipment	: do not intervene without adequate protective equipment. For more information, see section 8
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6.2 Environmental precautions

Do not disperse in the environment. Do not discharge the product into the sewer system. In case of pollution of rivers, lakes or sewers, inform the competent authorities in accordance with local laws

6.3 Methods and material for containment and cleaning up

For containment and cleaning up	: contain spills and leaks with non-combustible absorbent material. Absorb spilled liquid with absorbent material. Use suitable cleaning agents. Do not use solvents
Other information	: dispose of the material or solid residues in an authorized centre

6.4 Reference to other sections

For more information, see section 13

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures : *avoid contact with eyes and skin. Wear suitable personal protective equipment*
 Hygiene Measures : *wash contaminated clothing. Do not eat, drink or smoke during handling. Wash hands after each handling*

7.2 Conditions for safe storage, including any incompatibilities

Storage and packaging conditions : *keep containers closed when not in use. Store in a cool, well-ventilated place away from direct light and heat sources. Always keep the product in containers of the same material as the originals*
 Storage temperature : *10 – 40 °C*
 Further information on storage conditions : *no decomposition is expected if storage conditions are applied as indicated*

7.3 Specific end use(s)

No further information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational exposure and biological national limit values

None

8.1.2 Recommended monitoring procedures

No further information available

8.1.3 Air contaminants formation

Not expected

8.1.4 DNEL and PNEC

No further information available

8.1.5 Control banding

No further information available

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Appropriate engineering controls : *ensure good ventilation of the workplace*

8.2.2 Personal protective equipment

Personal protective equipment symbol(s):



8.2.2.1 Eye/face protection

Eye protection: : *use protective goggles against splashes*

8.2.2.2 Skin protection

Hand protection : *wear protective gloves*
 Other skin protection : *wear protective clothing*

8.2.2.3 Respiratory protection

None in particular

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8.2.2.4 Thermal hazards

None in particular

8.2.3 Environmental exposure controls

Environmental exposure controls : *do not release into the environment*

Other information : *no further information available*

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: <i>liquid</i>
Colour	: <i>amber colour</i>
Odour	: <i>grain-like characteristic odour</i>
Melting point/freezing point	: <i>not available</i>
Boiling point	: <i>not available</i>
Flammability	: <i>not applicable</i>
Lower and upper explosion limit	: <i>not applicable</i>
Flash point	: <i>not applicable</i>
Auto-ignition temperature	: <i>not applicable</i>
Decomposition temperature	: <i>not available</i>
pH	: <i>4.0 – 5.0</i>
Kinematic viscosity	: <i>not available</i>
Solubility	: <i>water-soluble</i>
Partition coefficient n-octanol/water (Log Kow)	: <i>not available</i>
Vapour pressure	: <i>not available</i>
Density	: <i>not available</i>
Relative vapour density	: <i>not available</i>
Particle characteristics	: <i>not applicable</i>

9.2 Other information

9.2.1 Information with regard to physical hazard classes

No further information available

9.2.2 Other safety characteristics

No further information available

SECTION 10: Stability and Reactivity

10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport

10.2 Chemical stability

Stable under use and storage conditions recommended in section 7

10.3 Possibility of hazardous reactions

No knowledge of dangerous reactions under normal conditions of use

10.4 Conditions to avoid

Do not freeze. Store preferably at a temperature between 10 and 40 °C. Protect from direct light sources.

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10.5 Incompatible materials

No further information available

10.6 Hazardous decomposition products

No decomposition under normal storage conditions

SECTION 11: Toxicological information

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

Acute toxicity (oral)	non-classified based on available information		
Acute toxicity (cutaneous)	non-classified based on available information		
Acute toxicity (inhalation)	non-classified based on available information		
Skin corrosion/irritation	METHOD:	SPECIES:	RESULT:
	Patch test	Human	Non-irritating
	Episkin method - ESAC 2007	reconstituted human epidermis	Non-irritating
Serious eye damage/eye irritation	not available		
Respiratory or skin sensitisation	Skin Sensitizing In-vitro Test	THP-1 cell line	Non-sensitizing
Germ cell mutagenicity	non-classified based on available information		
Carcinogenicity	non-classified based on available information		
Reproductive toxicity	non-classified based on available information		
STOT-single exposure	non-classified based on available information		
STOT-repeated exposure	non-classified based on available information		
Aspiration hazard	non-classified based on available information		

11.2 Information on other hazards

Based on available information, the substance does not have endocrine disrupting properties according to Regulation (EU) 2017/2100

SECTION 12: Ecological information

12.1 Toxicity

Ecology - general	the product is not considered dangerous for aquatic organisms and there are no known long-term negative effects on the environment		
Acute (short-term) toxicity	not available		
Chronic (long-term) toxicity	not available		

12.2 Persistence and degradability

Persistence and degradability	METHOD:	SPECIES:	RESULT:
	OECD 301 B: 1992	bacterial	biodegradable
	(data obtained by analogy)		

12.3 Bioaccumulative potential

Partition coefficient n-octanol /water (log Kow) : not available

Bioaccumulative potential : not considered as potentially bioaccumulative

12.4 Mobility in soil

Ecology - soil : no further information available

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12.5 Results of PBT and vPvB assessment

The substance does not meet the criteria for vPvB and PBT according to Regulation (EC) No. 1907/2006, Annex XIII

12.6 Endocrine disrupting properties

Based on available information, the substance does not have endocrine disrupting properties according to Regulation (EU) 2017/2100

12.7 Other adverse effects

No further information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : *the product must not enter the sewerage system, watercourses and soil. Dispose of the product in accordance with current national and local regulations*

Packaging : *remove any residue from the packaging. Dispose of the packaging according to current national and local regulations*

SECTION 14: Transport Information

According to: ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1 UN number or ID number				
<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>
14.2 UN proper shipping name				
<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>
14.3 Transport hazard class(es)				
<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>
14.4 Packing group				
<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>	<i>non-dangerous goods</i>
14.5 Environmental hazards				
<i>not applicable</i>	<i>not applicable</i>	<i>not applicable</i>	<i>not applicable</i>	<i>not applicable</i>
<i>No further information available</i>				

14.6 Special precautions for user

Transport by road : *not applicable*

Transport by sea : *not applicable*

Transport by air : *not applicable*

Transport by inland waterways : *not applicable*

Transport by rail : *not applicable*

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU regulations

This substance does not meet the classification criteria pursuant to Regulation n. 1272/2008/EC (CLP), does not require authorizations or is subjected to restrictions of use pursuant to Regulation n.1907/2006/EC (REACH) or other EU regulations

15.1.2 National regulations

No restriction are known, however it is recommended to check national laws of the country in which the product is being used

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15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance

SECTION 16: Other information

Indication of changes

MODIFIED ELEMENT	MODIFICATION	NOTES
revision date	replace	
SDS version	replace	

Abbreviations and acronyms

ADN	: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	: Accord Dangereux Routier (European agreement concerning the international carriage of dangerous Goods by Roads)
CAS	: Chemical Abstracts Service
CLP	: Classification, Labelling and Packaging
DNEL	: Derived No Effect Level
IATA	: International Air Transport Association
IMDG	: International Maritime Dangerous Goods
IMO	: International Maritime Organization
OECD	: Organization for Economic Cooperation and Development
PBT	: Persistent Bioaccumulative and Toxic
PNEC	: Predicted No-Effect Concentration
REACH	: Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	: International carriage of Dangerous goods by Rail
STOT	: Specific Target Organ Toxicity
UFI	: Unique Formula Identifier
UN	: United Nations
vPvB	: very Persistent very Bioaccumulative

Key literature references and sources for data

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n.1907/2006 (REACH)

European Chemicals Agency – ECHA

This information is based on our current knowledge and describes the product for health, safety and environmental purposes only. Therefore, it should not be interpreted as a guarantee of any specific property of the product.

The substance must not be used for other uses than those indicated in section 1.

It is always user's responsibility to adopt the necessary measures to comply with legal requirements according to current national and local regulations.