Safety Data Sheet
according to 1907/2006/EC, Article 31, amended by
Regulation (EU) No. 453/2010

LUPINE PEPTIDES

Date: 20/10/2016

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

1.1 Product Identifier
Trade Name: Lupine Peptides
INCI: Aqua, Hydrolyzed Lupine Protein, Phenoxyethanol, Citric Acid, Sorbic Acid

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

1.3 Details of the supplier of the safety data sheet
Aromantic Ltd
17 Tytler Street
Forres
Moray
IV36 1EL
Tel: 01309 696900
Fax: 01309 696911
Email: info@aromantic.co.uk

1.4 Emergency telephone number
Health and Safety Executive (HSE) Chemicals Regulation Directorate
5S.1 Redgrave Court, Merton Road, Bootle, Merseyside. L20 7HS
Telephone: +44 151 951 3317
Email: biocidesenquiries@hse.gsi.gov.uk
REACH and CLP UK CA Help Desk, Health and Safety Executive
2.3 Redgrave Court, Merton Road, L20 7HS Bootle, Merseyside
Email: ukreachca@hse.gsi.gov.uk

2. Hazards Identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
- This mixture does not present a physical hazard. Refer to the recommendations regarding the
other products present on the site.

- This mixture does not present a health hazard with the exception of possible occupational exposure thresholds (see paragraphs 3 and 8).
- This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

2.2 Label elements
In compliance with EC regulation No. 1272/2008 and its amendments.

- No labelling requirements for this mixture.

2.3 Other hazards

- The mixture does not contain substances classified as ‘Substances of Very High Concern’ (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table.
- The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

3. Composition/Information on ingredients

3.1 Substances

3.2 Mixtures
Composition: Lupin peptides in solution in the water stabilized chemical families: peptides, phenoxyethanol, citric acid and ascorbic acid
Information on ingredients: N/A

4. First Aid Measures

- As a general rule, in case of doubt or if symptoms persist, always call a doctor.
- NEVER induce swallowing by an unconscious person.

4.1 Description of first aid measures

- A medical examination is not necessary.

General Notice: remove contaminated clothing.
In the event of exposure by inhalation: Inapplicable.
In the event of splashes or contact with eyes: Immediately flush with water.
In the event of splashes or contact with skin: Rinse with water.
In the event of swallowing:
- Seek medical attention, showing the label.
- Rinse mouth with water and drink 2-3 glasses of scourge.

4.2 Most important symptoms and effects, both acute and delayed

- No data available.

4.3 Indication of any immediate medical attention and special treatment needed

- No data available.

5. Fire Fighting Measures

- Non-flammable.
5.1 Extinguishing media
Suitable methods of extinction
In the event of a fire, use:
• carbon dioxide (CO2)
• sprayed water or water mist
• foam
• dry powder
Unsuitable methods of extinction: None.

5.2 Special hazards arising from the substance or mixture
• A fire will often produce a thick black smoke.
• Exposure to decomposition products may be hazardous to health.
• Do not breathe in smoke.
  o carbon monoxide (CO)
  o carbon dioxide (CO2)

5.3 Advice for firefighters
• No data available.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures
• Consult the safety measures listed under headings 7 and 8.
For first aid worker: First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2 Environmental precautions
• Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
• Prevent any material from entering drains or waterways.
• Prevent contamination of surface water and groundwater.

6.3 Methods and material for containment and cleaning up
• Clean preferably with a detergent, do not use solvents.
• For small quantities: wash with water if necessary.
• For large quantities: pump with a suitable medium, then wash with water if necessary.

6.4 Reference to other sections
• No data available.

7. Handling and Storage

• Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1 Precautions for safe handling
• Always wash hands after handling.
Fire prevention: Prevent access by unauthorised personnel.
Recommended equipment and procedures:
• For personal protection, see section 8.
• Observe precautions stated on label and industrial safety regulations.

Prohibited equipment and procedures: No smoking, eating or drinking in areas where the mixture is used.

7.2 Conditions for safe storage, including any incompatibilities
• No data available.

Storage: Store away from light, in a tightly closed container at 2 °C and 8 °C
Packaging: Always keep in packaging made of an identical material to the original.

7.3 Specific end use(s)
Handling: Avoid contact with eyes.

8. Exposure Controls/Personal Protection

8.1 Control parameters
• No data available.

8.2 Exposure controls
• No special measures.

Personal protection measures, such as personal protective equipment:
• Use personal protective equipment that is clean and has been properly maintained.
• Store personal protective equipment in a clean place, away from the work area.
• Never eat, drink or smoke during use.
• Remove and wash contaminated clothing before re-using.
• Ensure that there is adequate ventilation, especially in confined areas.

Eye / face protection:
• Avoid contact with eyes.
• Use eye protectors designed to protect against liquid splashes.
• Before handling, wear safety goggles in accordance with standard EN166.
• Goggles.

Hand protection:
• Wear suitable protective gloves in the event of prolonged or repeated skin contact.
• Type of gloves recommended: latex gloves or nitrile

Body protection:
• Work clothing worn by personnel shall be laundered regularly.
• After contact with the product, all parts of the body that have been soiled must be washed.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General information:
Physical state: Fluid liquid.
Appearance: Liquid light yellow to orange.
Odour: Low intensity of fermented grape juice perfume and fragrance woody plant.

Important health, safety and environmental information
pH:
• 4.00 at 20 °C.
• Slightly acidic.

Boiling point/boiling range: Not specified.
Flash point interval: Not relevant.
Vapour pressure (50°C): Not relevant.
Density: < 1
Water solubility: Dilutable.
Melting point/melting range: Not specified.
Self-ignition temperature: Not specified.
Decomposition point/decomposition range: Not specified.
Boiling Point: 95 - 100°C

9.2 Other information
Evaporation rate: Approximately 88% water.

10. Stability and Reactivity

10.1 Reactivity
- No data available.

10.2 Chemical stability
- This mixture is stable under the recommended handling and storage conditions in section 7.
Stability of the preparation: Chemical increased stability if the product is stored between 2 °C and 8 °C
Microbiological stability: sensitive microbiological.
Stability: Sensitive.

10.3 Possibility of hazardous reactions
- No data available.

10.4 Conditions to avoid

10.5 Incompatible materials
- Oxidants.

10.6 Hazardous decomposition products
The thermal decomposition may release/form:
- carbon monoxide (CO)
- carbon dioxide (CO2)
- NOx

11. Toxicological Information

11.1 Information on toxicological effects
- No data available.

11.1.1. Substances
- No toxicological data available for the substances.
Skin corrosion/skin irritation: Skin irritation (patch test): no irritating (tested at 5%).
Serious damage to eyes/eye irritation: Eye irritation (HET-CAM): slightly irritating (tested at 5%).
Respiratory or skin sensitisation: Skin sensitization (HRIPT): Non-sensitizing (tested at 5%).
Germ cell mutagenicity: Mutagenicity (Ames): non-mutagenic and non-mutagenic pro (100%).
11.1.2. Mixture
Other information
Skin sensitization (HRIPT): Non-sensitizing (tested at 5%).
12. Ecological Information

12.1 Toxicity
12.1.2. Mixtures
  • No aquatic toxicity data available for the mixture.

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
  • Under the bibliographic data and data quality products, no ecotoxicological study is needed.

13. Disposal Considerations

  • Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1 Waste treatment methods
  • Do not pour into drains or waterways.
  Waste:
    • Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.
    • Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.
    • Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
  Soiled packaging:
    • Empty container completely.
    • Keep label(s) on container.
    • Give to a certified disposal contractor.
    • Comply with local regulation.

14. Transport Information

  • Exempt from transport classification and labelling.
  • Transport cans HDPE food grade.

14.1 UN number
14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

15. Regulatory Information

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

Classification and labelling information included in section 2:
The following regulations have been used:
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

Container information: No data available.

Particular provisions: No data available.

15.2 Chemical safety assessment
- No data available.

16. Other Information

Abbreviations:
ADR: European agreement concerning the international carriage of dangerous goods by Road.
IMDG: International Maritime Dangerous Goods.
IATA: International Air Transport Association.
ICAO: International Civil Aviation Organisation
RID: Regulations concerning the International carriage of Dangerous goods by rail.
WGK: Wassergefahrdungsklasse (Water Hazard Class).
PBT: Persistent, bioaccumulative and toxic.
vPvB: Very persistent, very bioaccumulative. S
VHC: Substances of very high concern.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The information contained in this SDS is accurate to the best of our knowledge and has been obtained from a variety of sources. No liability can be accepted arising out of the use, application or processing of this product. It is the users’ responsibility to determine the safe conditions for the use of this product.

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