

Material Safety Data Sheet

According to EU Regulation 1907/2006 in the current version

PEPTIDELIN - Acetyl Hexapeptide-8 Concentrated Solution

1. Identification of the substance/mixture and company

Trade name: Peptidelin
INCI: Glycerin, Water, Acetyl hexapeptide-8
CAS No. : 56-81-5 / 7732-18-5/ 616204-22-9
Utilization: Raw material for cosmetic use
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.ellemental.com
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.3 Other hazards

None known if handled in accordance with good industrial hygiene and safety practice

3. Declaration of ingredients

3.1 Substances

Not applicable

3.2 Mixtures

This product is a solution containing an active ingredient. No hazardous ingredients to declare according to EC 1272/2008.

4. First aid measures

4.1 Description of first aid measures

General information: No special measures required.

After inhalation: Supply fresh air ; consult doctor in case of complaint.

After skin contact: Wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Seek immediate medical advice.

Information for doctor: No further relevant information available

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4.2 Most important symptoms and effects, both acute and delayed

None expected

4.3 Indication of any immediate medical attention and special treatment needed

None known

5. Fire fighting measures

5.1 Extinguishing media

Water, carbon dioxide, foam, dry powder

5.2 Special hazards arising from the substance or mixture

Unknown

5.3 Advice for firefighters

No special requirements needed

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid direct eye contact

Wear protective clothing.

Particular danger of slipping on leaked/spilled product.

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Spill Cleanup : Contain spillage, soak up with non-combustible absorbent material, (e.g.sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations

6.4 Reference to other sections

Disposal of the contaminated material must be carried out in accordance with the provisions of point 13.

7. Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice

Avoid spills

Do not eat, drink and smoke in work areas

7.2 Conditions for safe storage, including any incompatibilities

Keep the product in a clean, cool and dark place

Avoid extreme environmental conditions

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7.3 Specific end use(s)

See subsection 1.2

8. Exposure controls / personal protection

8.1 Control parameters

Handle in accordance with good industrial hygiene and safety practice

8.2 Exposure controls

Eye/Face protection: Avoid contact with eyes, wear splash-proof chemical goggles

Skin protection: Where there is potential for skin contact have available and wear as appropriate impervious gloves, apron, pants, and jacket

Respiratory protection: No protection required

8.3 Environmental exposure controls

Environmental protection legislation for every country must be observed

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear to slightly opaque, colorless to yellowish
Odour	Faint characteristic
pH	4.0 – 6.0
Melting point	-
Freezing point	-
Initial boiling point	-
Boiling range	-
Flash point	-
Evaporation rate	-
Flammability	-
Upper/lower flammability limits	-
Upper/lower explosive limits	-
Vapour pressure	-
Vapour density	-
Relative density	1.050 – 1.250
Solubility	Water
Partition coefficient n-octanol/water	-
Auto-ignition temperature	-
Decomposition temperature	-
Viscosity	-
Explosive properties	-
Oxidising properties	-

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9.2 Other information

NA

10. Stability and reactivity

10.1 Reactivity

No reactivity hazards known

10.2 Chemical stability

The substance/mixture is stable if stored and handled as recommended

10.3 Possibility of hazardous reactions

No hazardous reactions known if stored and handled as recommended

10.4 Conditions to avoid

None known if stored and handled as recommended

10.5 Incompatible materials

None known

10.6 Hazardous products decomposition

No hazardous decomposition products known if stored and handled as recommended

11. Toxicological information

11.1 Information effects on toxicological

Acute oral toxicity: No data available

Skin irritation: Not expected

Eye irritation: May irritate eyes.

Sensitisation: No data available

Genotoxicity in vitro: No data available

Carcinogenicity: No indication for carcinogenicity known.

Reproductive toxicity: No indication for adverse effects on fertility known.

STOT - single exposure: The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure: This information is not available.

Aspiration toxicity: No aspiration toxicity classification

12. Ecological information

12.1 Toxicity

No data is available on the product.

12.2 Persistence and degradability

No data is available on the product.

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12.3 Bioaccumulation potential

No data is available on the product.

12.4 Ground mobility

No data is available on the product.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data is available on the product.

13. Disposal considerations

13.1 Waste treatment methods

This material and its container should be disposed safely avoiding release to the environment

National and regional provisions that may be in force should be observed

14. Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks: Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

15. Regulatory information

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

Relevant national laws should be carefully observed

15.2 Chemical safety assessment

No chemical safety assessment has been carried out for the substance/mixture

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16. Additional information

Evaluation of the need of classification/no classification under Regulation (EC) No 1272/2008 has been carried out by evaluating the available information on the substance/mixture

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration as-sociated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good La-boratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships car-rying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - Interna-tional Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; INCI: International Nomenclature of Cosmetic Ingredients; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test popula-tion; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - Interna-tional Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Ef-fect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic sub-stance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quanti-tative) Structure Activity Relationship; PNEC: Predicted No Effect Concentration; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Re-striction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; STE: Short-term exposure; STEL: Short Term Exposure limit; STOT: Specific Target Organ Toxicity; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

DECLARATION OF ALLERGENS

7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

I.N.C.I.	C.A.S.	%
Alpha-Hexyl cinnamic aldehyde	101-86-0	-
Amyl cinnamic alcohol	101-85-9	-
Amyl cinnamic aldehyde	122-40-7	-

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Anisyl alcohol	105-13-5	-
Benzyl salicylate	118-58-1	-
Benzyl benzoate	120-51-4	-
Benzyl cinnamate	103-41-3	-
Benzyl alcohol	100-51-6	-
Cinnamic alcohol	104-54-1	-
Cinnamic aldehyde	104-55-2	-
Citral	5392-40-5	-
Citronellol	106-22-9	-
Coumarin	91-64-5	-
Eugenol	97-53-0	-
Farnesol	4602-84-0	-
Geraniol	106-24-1	-
Hydroxycitronellal	107-75-5	-
Isoeugenol	97-54-1	-
alpha-Iso-methyl ionone	127-51-5	-
Limonene	5989-27-5	-
Linalool	78-70-6	-
Lylal	31906-04-4	-
Methyl heptene carbonate	12/06/11	-
Methyleugenol	93-15-2	-
Oakmoss absolute	9000-50-4	-
p-tert-Butyl-alpha- methylhydrocinnamic aldehyde	80-54-6	-

Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.