

Material safety data sheet SDS

According to EU Regulation 1907/2006 in the current version

COLLAGEN AMINO ACIDS

1. Identification of the substance/mixture and company

Product name/trade name: Collagen Amino Acids
INCI: Glycerin, Water, Pentylene Glycol, Collagen Amino Acids
Uses: Cosmetic Ingredient
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
Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008
2.2 Label elements
No labeling is required according to Regulation (EC) No. 1272/2008
2.3 Other hazards
None known

3. Declaration of ingredients

3.1 Substances
Not applicable
3.2 Mixtures
Not a hazardous mixture according to Regulation (EC) No. 1272/2008

4. First aid measures

4.1 Description of first aid measures
General information: Remove contaminated clothing immediately. In the case of accident or unwellness, seek medical advice immediately
(show directions for use or safety data sheet if possible)
Inhalation: Remove casualty to fresh air and keep warm and at rest. Seek medical advice in case of unwellness
Eye contact: After contact with the eyes, rinse with water with the eyelids open for at least 15 minutes, then consult an ophthalmologist immediately
Skin contact: Wash immediately with soap and water
Ingestion: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention
4.2 Most important symptoms and effects, both acute and delayed
None expected

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4.3 Indication of any immediate medical attention and special treatment needed

No additional measures identified

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Carbon dioxide (CO₂), foam, water spray, dry extinguishing powder. Adapt fire-extinguishing measures to surroundings

Unsuitable extinguishing media: Strong water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: No data available

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear a self-contained breathing apparatus and chemical protective clothing

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment, see Section 8

6.2 Environmental precautions

Make sure spills can be contained, e.g. in sump pallets or kerbed areas. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil

6.3 Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in a suitable container

6.4 Reference to other sections

Personal protection equipment: See Section 8.

7. Handling and storage

7.1 Precautions for safe handling

Protective measures: Use in well-ventilated areas. Handle and open container with care. Always close containers tightly after the removal of product. Wear personal protective clothing (see section 8)

Measures to prevent fire: Normal measures for preventive fire protection. No special fire protection measures are necessary

Advice on general occupational hygiene:

Work in well-ventilated zones or use proper respiratory

protection. Avoid contact with skin, eyes and clothes. Provide eye shower and label its location conspicuously. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink or smoke.

Remove contaminated, clothing immediately. Wash contaminated clothing prior to re-use

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Store in a clean cool and dark place

Requirements for storage rooms and vessels:

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Store only in original container. Ensure adequate ventilation of the storage area

Further information on storage conditions: Keep container closed when not in use. Protect containers against damage

7.3 Specific end use(s)

Cosmetics

8. Exposure controls / personal protection

8.1 Control parameters

Handle according to good industrial hygiene and safety practice

8.2 Exposure controls

Inhalation: Avoid inhalation and handle in a place with adequate ventilation

Eye: Wear safety glasses or goggles

Skin: Wear appropriate clothing and gloves

Environment: Provide environmental protection according to local legislation

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Method of determination

Physical state: Transparent to translucent solution

AM-P-006

Color: Colorless AM-P-005

Odor: Characteristic AM-P-018

pH: No data available

Melting point/Freezing point: No data available

Boiling point or Initial boiling

point and boiling range: No data available

Evaporation rate: No data available

Flammability: No data available

Lower and upper explosion limit: No data available

Flash point: >95°C

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Relative density: 1.16-1.20 g/mL AM-P-001

Relative vapor density: No data available

Vapor pressure: No data available

Solubility: Water AM-P-026

Partition coefficient: n-octanol/water: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidizing properties: No data available

Particle characteristics No data available

9.2 Other information

No additional information relevant to safe use of the product

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10. Stability and reactivity

10.1 Reactivity

No specific test data related to reactivity available for this product or its ingredients

10.2 Chemical stability

The substance is chemically stable under recommended conditions of storage, use and temperature

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions

10.4 Conditions to avoid

No specific conditions to avoid

10.5 Incompatible materials

None known incompatibilities

10.6 Hazardous decomposition products

Does not decompose when used for intended uses.

11. Toxicological information

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

Eye irritation: Not considered irritant

Skin irritation: Not considered irritant

Phototoxicity: Not considered phototoxic

Acute oral toxicity: No data available

Mutagenicity: Not considered mutagenic

11.2 Information on other hazards

Endocrine disrupting properties: Not expected

Other adverse health effects: Not expected

12. Ecological information

12.1 Toxicity

No data available

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 Endocrine disrupting properties

No data available

12.7 Other adverse effects

No data available

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13. Disposal considerations

13.1 Product/Packaging disposal

Waste must be disposed of in line with local regulations

13.2 Waste treatment-relevant information

Waste must be disposed of in line with local regulations

13.3 Sewage disposal-relevant information

Avoid release to the environment or sewage system

13.4 Other disposal recommendations

Handle contaminated packages in the same way as the product

14. Transport information

According to IATA and ICAO regulations

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable

15. Regulatory information

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

National/local regulations are observed

No labeling is required according to Regulation (EC) No. 1272/2008

Symbol(s): None

R Phrase(s): None

S Phrase(s): None

15.2 Chemical safety assessment

No data available

16. Additional information

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COLLAGEN AMINO ACIDS**16.1 Abbreviations**

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; Regula-tion (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 - Emergen-cy 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

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.