Import and distrubition for Serbia: Avena Lab - Farmadria d.o.o.
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ELASTIN PROTEIN

1. IDENTIFICATION

Product Name: Elastin Protein, Hydrolyzed
INCI Name: Hydrolyzed Elastin Protein, Benzylalcohol, Potassium Sorbate, Sodium Benzoate
CAS#: 100085-10-7, 100-51-6, 532-32-1, 24634-61-5

Product Form Liquid
Product Use: Cosmetic use

Distributor: Avena Lab, Farmadria d.o.o.
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2. HAZARD(S) IDENTIFICATION

GHS Classification: **Not classified**
GHS Labeling: **Not classified**
GHS Hazard Pictograms: **None**
GHS Hazard Statements: **None**
GHS Precautionary Statements: **None**
Potential Health Hazards:
Eyes: **Not expected to be irritant.**
Inhalation: **Not expected to be irritant.**
Skin: **Not expected to be irritant.**
Ingestion: **Not expected to be irritant.**
NFPA Ratings (704): **Health N/A**
Flammability N/A
Reactivity N/A
Specific Hazard N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight %	Molecular Weight
Elastin Protein, Hydrolyzed	100085-10-7	Not Available	Not Available
Benzylalcohol	100-51-6	Not Available	Not Available
Potassium Sorbate	24634-61-5	Not Available	Not Available
Sodium Benzoate	532-32-1	Not Available	Not Available

4. FIRST-AID MEASURES

Eyes:	Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Inhalation:	Remove from exposure, lie down. Move to fresh air. If not breathing, give artificial respiration. Immediate medical attention is required.
Skin:	Wash off immediately with soap and plenty of water while removing all contaminated clothing and shoes. Obtain medical attention. Take off contaminated clothing and shoes immediately.
Ingestion:	Drink plenty of water. If possible, drink milk afterwards. Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Water spray, fog, CO2, dry chemical, or alcohol resistant foam.
Unsuitable extinguishing media:	Do not use a solid water stream as it may scatter and spread fire.
Specific hazards arising from the chemical:	Fire may produce irritating, corrosive and/or toxic gases.
Special protective equipment and precautions for firefighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.
Fire fighting instructions:	In case of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. Ventilate closed spaces before entering them. Keep run-off water out of sewers and water sources. Dike for water control.
Specific methods:	Use water spray to cool unopened containers.
General fire hazards:	Static charges generated by emptying package in or near flammable vapor may cause flash fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective,equipment and emergency procedures: (Methods and materials for containment and cleaning up)

Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Collect and dispose of spillage as indicated in section 13 of the SDS. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps. The product is immiscible with water and will spread on the water surface. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions:

Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so.

7. HANDLING AND STORAGE

Precautions for safe handling:

Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities:

Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release.
Store in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:

This substance has no PEL, TLV, or other recommended exposure limit.

Biological limit values:

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls:

Use explosion-proof ventilation equipment to stay below exposure limits. Adequate ventilation should be provided so that exposure limits are not exceeded.

Individual protection measures, such as personal protective equipment

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin protection
Hand protection: Chemical resistant gloves.
Other: Wear suitable protective clothing.

Respiratory protection: Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	**Clear to slightly hazy, yellow liquid**
Odor:	**Characteristic, slight**
Taste:	**No data available**
Color:	**Clear to slightly hazy, yellow**
Molecular Weight:	**No data available**
pH 4.5-5.5 Solubility in Water:	**Complete**
Boiling Point:	**101.6°C (215°F)**
Melting Point:	**No data available**
Relative Density:	**No data available**
Partition Coefficient: noctanol/water:	**No data available**
Viscosity:	**Not determined**
Oxidizing Properties:	**None**
Vapor Pressure:	**Not determined**
Saponification Value:	**No data available**
Iodine Value:	**No data available**
Flammability:	**Not applicable**
Peroxide Value:	**No data available**
Flash Point:	**>250°F (Not flammable)**
Specific Gravity @ 25°C:	**1.04 g/cm3**
Auto-Ignition Temperature:	**No data available**
Decomposition Temperature:	**No data available**
Explosive Properties:	**None**
Freezing Point:	**No data available**

10. STABILITY AND REACTIVITY

Reactivity:	**Not reactive under normal conditions of use.**
Chemical Stability:	**No known hazardous reactions.**
Hazardous Polymerization:	**None known**
Conditions to Avoid:	**Gross bacterial contamination.**
Incompatible Materials:	**Concentrated nitric or sulfuric acid, strong oxidizing agents.**
Hazardous Decomposition Products:	**Burning can produce smoke, CO, CO2, ammonia, and other products of incomplete combustion.**

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	**Oral LD50 is anticipated to be >5 g/kg based on testing of similar material.**
Skin:	**No data available**
Eyes:	**No data available**
Respiratory:	**No data available**
Ingestion:	**No data available**
Carcinogenicity:	**None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH, or the EU Substances Directive.**
Teratogenicity:	**No data available**
Germ Cell Mutagenicity:	**Not expected to be a germ cell mutagenicity hazard.**
Embryotoxicity:	**No data available**
Specific Target Organ Toxicity:	**No data available**
Reproductive Toxicity:	**Not expected to affect reproduction or development.**
Respiratory/Skin Sensitization:	**No data available**
Corrosivity:	**This is not a corrosive product.**
Sensitization:	**Not expected to cause sensitization.**
Irritation:	**Not expected to cause irritation.**
Repeated Dose Toxicity:	**No data available**

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate:	**No data available**
Aquatic Invertebrate:	**No data available**
Terrestrial:	**No data available**
Persistence and Degradability:	**No data available**
Bioaccumulative Potential:	**Not expected to be bioaccumulative in aquatic organisms.**
Mobility in Soil:	**Since the product is completely soluble in water, it is expected to be highly mobile in soil.**
PBT and vPvB Assessment:	**This mixture does not contain any substances that are assessed to be a PBT or a vPvB.**
Other Adverse Effects:	**None known**

13. DISPOSAL CONSIDERATIONS

Disposal instructions:	Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations:	Dispose in accordance with all applicable regulations.
Hazardous waste code:	Not established.
Waste from residues / unused products:	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION

Transport	Transport	Hazard class	Packing group	UN number
Land	RID/ADR	Not Regulated	Not Regulated	Not Regulated
Maritime	IMDG			
Air	IATA/DGR			

15. REGULATORY INFORMATION

TSCA Inventory Status:	**Not listed**
DSCL (EEC):	**All of the components of this product are listed on the DSL/NDSL.**
WHMIS (Canada):	**No data available**
EU EINECS/ELINCS/NLP:	**All of the components of this product are listed on the EINECS Inventory.**
China IECSC:	**All of the components of this product are listed on the IECSC.**
China IECIC (06.30.2014):	**No data available**
Australia AICS:	**Not listed**

16. OTHER INFORMATION

Disclaimer: Avena Lab, Farmadria d.o.o. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The above information relates only to this product and not to its use in combination with any other material or any particular process and is designed only as guidance for the safe handling, use, processing, storage, transportation, and disposal and should not be considered as a guarantee or quality specification. It is the sole responsibility of the individual(s) purchasing this product to assess its' safety in the final application. The above information is based on data provided by and collected from recognized sources such as distributors, manufacturers, and technical groups and is considered to be accurate to the best of our knowledge. Appropriate warnings and safe handling procedures should be provided to all handlers and users, taking into account the intended use and the specific conditions and factors relating to such use in accordance with all applicable laws and regulations.