

AZELAIC ACID PG6

1. IDENTIFICATION

Product Name: Azelaic Acid PG6
INCI Name: Azelaic Acid, Polyglycerin 6, Betaine
CAS#: 123-99-9, 36675-34-0, 107-43-7
Product Form: Liquid
Product Use: Cosmetic use
Distributor: Avena Lab, Farmadria d.o.o.
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2. HAZARD(S) IDENTIFICATION

Labelling (REGULATION (EC) No 1272/2008); 29 CFR 1910.1200(d)/US-GHS/OSHA

H315 - Causes skin irritation

H319 - Causes serious eye irritation

Hazard Pictogram



Signal word: **Warning**

Precautionary statement:

Prevention:

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P302 + P352 If on skin: wash with plenty of soap and water.

P305 + P351 + P338 If in eyes: rinse cautiously with water for several minutes.

P332 + P313 If skin irritation occurs: get medical advice/ attention.

P337 + P313 If eye irritation persists: get medical advice/attention.

P362: Take off contaminated clothing.

P321: Specific treatment (see P302 + P352 on this label)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight %	Molecular Weight
Polyglycerin-6	36675-34-0	55	n/a
Azelaic acid	123-99-9	40	n/a
Betaine	107-43-7	5	n/a

4. FIRST-AID MEASURES

If inhaled:	Get medical attention immediately. If not breathing give artificial respiration. Of breathing is difficult, give oxygen.
In case of skin contact:	Wash with plenty of water for 20 minutes. Get medical attention if irritation develops or persists. Dispose the contaminated clothes and isolate the contaminated site.
In case of eye contact:	Get medical attention immediately.
If swallowed:	Get medical attention 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	Liquid
Colour	Light yellow
Odour	Characteristic
Solvent	Water
pH (5% water solution at 25°C)	2.5 - 4.5
Dry residue, %	97 - 99
Heavy metals	Max. 10 ppm
Ignition point	Not determined
Boiling point	Not determined
Total bacteria	Max. 100 CFU/g
Total molds	Max. 100 CFU/g
Acid number	17.5 ÷ 20.5 mgKOH/g
Saponification number	145 ÷ 165 mgKOH/g
Solubility	Soluble in water, ethanol, propylene glycol. Insoluble in oils.

10. STABILITY AND REACTIVITY

Reactivity:	No Data available
Chemical Stability:	The product is stable under normal storage conditions
Hazardous Polymerization:	Hazardous reactions: no information available
Conditions to Avoid:	None
Incompatible Materials:	Strong oxidizing agents
Hazardous Decomposition Products:	No information available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available
Skin:	No data available
Eyes:	No data available
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	No data available
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No data available
Embryotoxicity:	No data available
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	No data available
Respiratory/Skin Sensitization:	No data available
Corrosivity:	No data available
Sensitization:	No data available
Irritation:	No data available
Repeated Dose Toxicity:	No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence and Degradability:	Biodegradable
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.
Other Adverse Effects:	Not available

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

UN number	Not dangerous
Proper shipping name	N.A.
Transport hazard class	None
Packing group	None
Environmental Hazards	None
Special precautions for user	None
Maritime transport in bulk according to IMO instruments	N.A.

15. REGULATORY INFORMATION

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

Not a hazardous substance or preparation according to EC-directive 67/548/EEC or 1999/45/EC. For further product information we recommended to consider corresponding appropriate national legislation. Product not listed in the annexes and which does not need the formalities required by law (DPR 175/88 and subsequent amendments).

Chemical safety assessment

The product should not be used for purposes other than those specified in section 1, until you have received instructions on the handling. The user must take all measures necessary to comply with local and national regulations.

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.