# Alfalfa Leaf Glycerin Extract - Medicago sativa

*Medicago sativa · Fabaceae*

Glycerin extract | Water-soluble | INCI listed in EU CosIng

## 1. Product identification

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| **Product name** | Alfalfa Leaf Glycerin Extract - Medicago sativa |
| **Botanical name** | *Medicago sativa* (syn. *Medicago afganica, Medicago falcata, Medicago roborovskii, Medicago vera*) |
| **Plant family** | Fabaceae |
| **Common names** | Alfalfa, Alfa Alfa, Alfalfa Seed, Hedge Lucerne Seeds, Hedge Lucerne, Gadab Grass |
| **Indian / Ayurvedic names** | अल्फाल्फा, குதிரை மசால், అల్ ఫాల్ ఫా, ಲ್ಫಲ್ಫ, ആൽഫാൽഫ |
| **Plant part used** | Leaf |
| **Product form** | Glycerin extract |
| **Country of origin** | India |
| **Product code (SKU base)** | 92346-GLY-MESAT |

## 2. Composition and identifiers

**INCI:** Glycerin, Medicago Sativa Leaf Extract, Aqua, Potassium Sorbate, Sodium Benzoate

| INCI / COMPONENT | FUNCTION | CAS | EC | PROPORTION |
|---|---|---|---|---|
| Glycerin | Carrier (vegetable glycerin, USP grade) | 56-81-5 | 200-289-5 | ≈ 64 % |
| Medicago Sativa Leaf Extract | Botanical extract | 84082-36-0 | — | 20 % |
| Aqua | Carrier (purified water) | 7732-18-5 | 231-791-2 | ≈ 16 % |
| Potassium Sorbate | Preservative | 24634-61-5 | 246-376-1 | 0.1–0.3 % (combined) |
| Sodium Benzoate | Preservative | 532-32-1 | 208-534-8 | 0.1–0.3 % (combined) |

Composition: carrier 80 % = vegetable glycerin 80 : water 20; botanical extract 20 %; preservatives 0.1–0.3 %. Carrier makes up the balance to 100 %. Extract concentration 20 %.

EU CosIng reference no.: 34040, 92472, 82910 · INCI status: Verified in CosIng

Where more than one CAS number is shown, the botanical substance is registered under several CAS numbers (e.g. EINECS and TSCA variants); all refer to the same INCI name.

## 3. Manufacturing

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| **Process** | Maceration in vegetable glycerin and water |
| **Additives** | Preservatives: potassium sorbate and sodium benzoate, 0.1–0.3 % combined. No added colours or fragrance. |

## 4. Typical properties

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| **Physical state** | Liquid (viscous) |
| **Appearance / colour** | Characteristic of the plant material; may vary naturally between harvests |
| **Odour** | Characteristic |
| **Solubility** | Water-soluble |
| **Flash point** | Not flammable (glycerin–water solution); pure glycerin approx. 160 °C (closed cup) |

Typical values describe the product type and are not a specification. Batch-specific results (assay, moisture, microbiology, heavy metals as applicable) are given on the batch Certificate of Analysis, sent with every order.

## 5. Applications and use

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| **Applications** | Skincare, Supplements |
| **Markets** | Cosmetics & personal care, Nutraceuticals |
| **Suggested use level** | Typical use level in cosmetics 1–10 % (water phase). |

The formulator is responsible for confirming suitability, stability and regulatory compliance of the finished product in the intended market. Not intended for direct medicinal use.

## 6. Packaging, storage and shelf life

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| **Pack sizes** | 225 g, 1 Kg, 5 Kg, 25 Kg — bulk and custom quantities on request |
| **Storage** | Store in tightly closed containers in a cool (below 25 °C), dry place away from direct sunlight. Glycerin is hygroscopic — keep containers closed. |
| **Shelf life** | 24 months from the date of manufacture in unopened original packaging stored as recommended. Once opened, keep closed and use within 6 months. |

## 7. Documentation and quality

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| **Safety Data Sheet** | SDS-92346-GLY-MESAT — available for download on the product page |
| **Certificate of Analysis** | Batch-specific COA sent with every order; available on request before ordering |
| **Other documents** | Allergen, IFRA, origin and other statements on request, subject to availability |

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