# Horse Gram Oil-Soluble Extract – Macrotyloma uniflorum — in Rice Bran Oil

*Macrotyloma uniflorum · Fabaceae*

Oil-soluble extract | Oil-soluble | Cosmetic grade

## 1. Product identification

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| **Product name** | Horse Gram Oil-Soluble Extract – Macrotyloma uniflorum — in Rice Bran Oil |
| **Botanical name** | *Macrotyloma uniflorum* (syn. *Dolichos biflorus*) |
| **Plant family** | Fabaceae |
| **Common names** | Horse Gram, Kulthi Dal, Gahat Dal, Madras Gram, Horsegram |
| **Indian / Ayurvedic names** | kulthi, മുതിര |
| **Plant part used** | Seed |
| **Product form** | Oil-soluble extract |
| **Carrier oil** | Rice Bran Oil |
| **Country of origin** | India |
| **Product code (SKU base)** | 51656-OSE-DOBIF-RIC |

## 2. Composition and identifiers

**INCI:** Oryza Sativa (Rice) Bran Oil, Macrotyloma Uniflorum Seed Extract

| INCI / COMPONENT | FUNCTION | CAS | EC | PROPORTION |
|---|---|---|---|---|
| Oryza Sativa (Rice) Bran Oil | Carrier oil | 68553-81-1 / 84696-37-7 | – | 80 % |
| Macrotyloma Uniflorum Seed Extract | Botanical extract | – | – | 20 % |

INCI status: INCI by naming convention (not 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** | Botanical extract dispersed in carrier oil |
| **Carrier** | Rice Bran Oil — 80 % |
| **Additives** | No added colours, fragrance or preservatives unless stated on the label. |

## 4. Typical properties

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| **Physical state** | Liquid |

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| **Appearance / colour** | Clear pale to golden amber oily liquid, with a mild characteristic herbal aroma |
| **Odour** | Characteristic |
| **Solubility** | Oil-soluble |
| **Flash point** | Typically > 200 °C (vegetable oils; not determined for this batch) |

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 Certificate of Analysis, available on request.

## 5. Applications and use

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| **Applications** | Hair care, Skincare |
| **Markets** | Cosmetics & personal care |
| **Suggested use level** | 1–10%, or as required by the formulation |

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, Sample — bulk and custom quantities on request |
| **Storage** | Store in tightly closed, well-filled original containers in a cool (below 25 °C), dry, dark place away from heat, oxidising agents and direct sunlight. Butters and waxes may soften above 25–35 °C. |
| **Shelf life** | 18–24 months from the date of manufacture in unopened original packaging stored as recommended. Infused and oil-soluble extracts: 12–18 months. |

## 7. Documentation and quality

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|---|---|
| **Safety Data Sheet** | SDS-51656-OSE-DOBIF-RIC — available for download on the product page |
| **Certificate of Analysis** | Batch-specific COA available on request |
| **Other documents** | Allergen, IFRA, origin and other statements on request, subject to availability |

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