



Grapefruit Essential Oil - Product Specification

| PRODUCT INFORMATION | |
|-----------------------------|---|
| Product Name | Grapefruit Essential Oil |
| Product Code | 06GR |
| Product Classification | Essential Oil |
| Production and Source | Essential oil extracted by steam distillation from Citrus Paradisi M. |
| Natural/NI/Synthetic Status | Natural |
| Ingredient Declaration | Grapefruit |
| Country of Origin | Israel |

| PRODUCT PROFILE | |
|-----------------------------|------------------------|
| Appearance | Yellow orange liquid |
| Odour | Sweet fresh citrus dry |
| State | Mobile Liquid |
| Specific Gravity @ 20/20 °C | 0.850 to 0.860 |
| Optical Rotation @ 20 °C | 91.000 to 96.000 |
| Refractive Index @ 20 °C | 1.474 to 1.478 |
| Flashpoint | 43°C |
| Solvent Residue(s) | Nil |
| Antioxidant(s) | Nil |
| Flavour Grade | Yes |

| REGULATORY DATA | |
|------------------------|--------------------|
| CAS No. (US) | 8016-20-4 |
| Einecs No | 289-904-6 |
| CAS No. (EU) | 90045-43-5 |
| FEMA Number | 2530 |
| F.D.A. | 182.2 |
| Council of Europe | 140n |
| Botanical Source | Citrus paradisi M. |
| Chem/IUPAC Name | Grapefruit, ext. |



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INTOLERANCE AND ALLERGEN INFORMATION

Please ensure you have read our Allergen Policy statement available [here](#). For further information about allergen handling by Cotswold Ingredients and its suppliers, please read our online guide [here](#).

Key: ✓ Indicates where a product is an allergen or where an allergen has intentionally been added to the final product.

Cereal/Wheat products

Nut and nut products

Peanuts and products thereof

Soybean and products thereof

Sesame seed and products thereof

Mustard and products thereof

Milk and Dairy Products

Products containing Sulphur dioxide and sulphites >10mg/kg

Celery and products thereof

Molluscs (including squid and octopus)

Seafood and shellfish

Egg products

Fish and fish products

Lupin (ie leguminous plants, lupin flour)

Colours

Flavourings

Preservatives



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ALLERGEN STATEMENT

Cotswold Ingredients supplies a range of products that are internationally sourced from approved suppliers. Information is gathered from all suppliers to enhance knowledge of the product and supplier handling procedures.

The following products which are or may contain allergens are regularly handled by Cotswold Ingredients and their approved suppliers. Handling procedures are in place to reduce the likelihood of allergens being present, but we cannot guarantee our ingredients are totally free of traces in the products supplied. If in doubt, please email technical@cotswoldingredients.co.uk.

- Cereals containing gluten (wheat, rye, barley, oats, spelt, kamut and their hybrid strains)
- Peanuts
- Soybeans
- Nuts
- Celery
- Mustard
- Milk and dairy products
- Sesame seeds
- Products containing sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/litre expressed as sulphur dioxide.

ADDITIONAL INFORMATION

Key: ✓ Indicates that the product is suitable or certified. For further details on the specific certifications of each product, please email technical@cotswoldingredients.co.uk.

| | |
|-----------------------|---|
| Vegetarian (Suitable) | ✓ |
| Vegan (Suitable) | ✓ |
| Kosher (Suitable) | ✓ |
| Organic (Certified) | |

Storage & shelf life

| | |
|------------|--|
| Shelf Life | Typical shelf life is 24 months after opening. |
| Storage | Store in a sealed container, at an ambient temperature and away from direct sunlight. |
| Labelling | Product name, Weight. Batch/lot code. Best before date. Allergen information as applicable |



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INGREDIENTS

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OILS (CARRIER, ESSENTIAL & ABSOLUTE)

Unless otherwise stated, our oils are not suitable for human consumption.

An indication of 'Yes' in the Flavour Grade categorisation means oils are suitable for use in a culinary environment, however, they should be used sparingly and in minute quantities only.

Essential and absolute oils must be appropriately diluted before use; improper use of essential and absolute oils can cause harm, including severe allergic reactions and skin irritations. If in doubt, consult a licensed aromatherapist.

Keep away from children and consult a health practitioner before using during pregnancy.

TINCTURES

In line with applicable legislation, the sale of tinctures by Cotswold Ingredients is strictly for registered practitioners or herbalists, or otherwise for the purposes of animal use. Tinctures are not sold or supplied for the purposes of human consumption.

By purchasing a tincture from Cotswold Ingredients you warrant that you are a registered practitioner or herbalist, or that the goods are for animal use only. Cotswold Ingredients do not accept any liability should these conditions not be adhered to.

Keep away from children.

PESTICIDE STATEMENT

Cotswold Ingredients do not knowingly supply material containing pesticide residues above the legal maximum residue levels (MRL's), Codex recommendation or at a level that could cause a food safety risk under the Food Safety Act. Suppliers risk assess the materials supplied to Cotswold Ingredients and where a pesticide issue is considered a risk the supplier arranges applicable testing and issuing of results before the materials are accepted by Cotswold Ingredients. Where pesticide residues are assessed as 'low risk' the supplier may carry out random testing.

All our Organic products are certified by the Soil Association. EU law defines the minimum standards for organic products that are produced, manufactured, imported into, sold or traded within the EU - in the Organic Regulation. In many areas, the Soil Association's standards are stricter and exceed these EU standards.



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HEALTH & SAFETY

A non-hazardous product if used under normal circumstances. Please see the product Material Safety Data Sheet for further details. If you are unsure of the suitability of our product for your specific use, you should not use and seek further information from our technical team

technical@cotswoldingredients.co.uk

USE IN PRODUCTION

We will not be liable for breach of warranty if you or any third party alter the Goods or any part of them, mix them or any part of them with any other products, or tamper with, process or use them or any part of them in any production process after delivery. **All quality control checks are to be completed in relation to the Goods prior to use in production or resale to a third party, either in their original state or as a blend.**

For further details, please see our T&C as outlined below.

TERMS OF SALE

All sales are subject to our terms and conditions. For a copy please email

sales@cotswoldingredients.co.uk.



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For internal use only. Please contact technical@cotswoldingredients.co.uk if you require a signed specification.

| For and on behalf of Supplier: Cotswold Ingredients | | For and on behalf of Customer |
|---|---|-------------------------------|
| Signature: |  | |
| Print Name: | Jess Kenyon-May | |
| Position: | Technical & Compliance Coordinator | |
| Company name: | Cotswold Ingredients | |
| Date: | 17/03/2026 | |