



Specialists in *organic* and *ethically* traded *herbal* ingredients

**ORGANIC  
PARTNERS**



## Product Specification : Safflower Seed Oil

### Product Information

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*Product* : Safflower Seed Oil

*Latin* : *Carthamus tinctorius*

*Constituents/ Plant Part* : Seed Oil

*CAS Number* : 8001-23-8

*EINECS Number* : 232-276-5

*INCI Name* : Carthamus Tinctorius or Carthamus Tinctorius (Safflower) Seed Oil

*Cultivation Technique* : Organic

*Country of Origin 1* : Australia

*Country of Origin 2* : Pressed in Germany

*Organic Certification Body* : Soil Association

*Production Process* : Cold mechanical pressing (screw press), followed by filtration.

\*Please note that the country of origin may differ from that specified due to seasonal shortages

### Organoleptic Description

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*Appearance* : Clear to pale yellow oily liquid

### Physical Characteristics

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*Palmitic Acid* : 5.0 - 8.0

*Palmitoleic Acid* : <0.5

*Oleic Acid* : 20.0 - 40.0

*Linoleic Acid* : 50.0 - 74.0

*Linolenic Acid* : <0.50

*Stearic Acid* : 2.5 - 7.0

*Icosanoic Acid* : <0.50

*Icosanoic Acid* : <0.50

*Docosanoic Acid* : <1.0

Fatty Acid Profile (Major Acids) % - Typical Values





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*Free Fatty Acid %* : 3.0 max

*Peroxide Value (meq/kg)* : 5.0 max

*Iodine Value* : 120 - 135

*Relative Density* : 0.950 @ 20°C

*Refractive Index* : 1.472 - 1.476 @ 20°C

This data is provided for your information only. It is based on technical information currently available and is not all-inclusive.

This information is furnished without warranty, expressed or implied.

### Shelf Life

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12 months under unopened conditions from date of purchase.

Once opened, up to 12 months dependant upon the conditions of storage.

### Packaging

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180kg drums unless otherwise specified

### Recommended Storage

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Protect from exposure to, light, moisture and pests.

Do not expose to extreme temperatures and keep tightly sealed.

### Organic Certification

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Organic Partners is certified by the Soil Association for the importation, processing and distribution of the named product.

Soil Association Certification Number : P9397

### Declaration

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I declare that the information given is believed to be correct as of the date : 12 Oct 2005

Name: Mike Brook

Position: Managing Director

