

## TECHNICAL DATA SHEET

# Evening Primrose Oil

### Chemical Properties

Latin Name: *Oenothera biennis* L.

CAS Number: 90028-66-3

### Description

Evening primrose oil is a wild flower that grows around the world. Its seed oil is rich in essential polyunsaturated fatty acids: linoleic and gamma-linolenic acid, both series of omega 6 which are important precursors of various cellular mediators essential for the proper functioning and stability of the cells membranes in our body.

### Solubility

Insoluble in water.

### Specification

Item	Specification	Test Method
Appearance	Light yellow clear liquid	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	Positive	GC
Relative density	0.830 ~ 0.910	In-house
Refractive index	1.432~ 1.510	In-house
Optical Rotation	-5° ~ -25°	In-house
Acid Value	Max 1.5	In-house
Peroxide Number	Max 2.0	In-house
Heavy metal	Max 10ppm	In-house
Total plate count	Max 1000CFU/g	In-house
Yeast & mold	Max 100CFU/g	In-house
Pathogenic bacteria	Negative	In-house

### Regulatory Information

	Yes	No
Contains GMO based ingredients		√
BSE/TSE-free	√	
Non-irradiation	√	
Suitable for vegetarian	√	
Suitable for vegan	√	

## Country of Origin

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China

## Ingredients

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Evening Primrose Oil 100%

## Labeling

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In the United States and the European Union: Evening Primrose Oil

## Functions

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- 1). Improve anaphylaxis;
- 2). Improve climacteric syndrome;
- 3). Lower blood pressure and reduce risks of blood clotting;
- 4). Remove acne and freckle.

## Applications

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Evening primrose oil can be widely used as dietary supplements for eczema (a condition involving red, swollen, itchy skin, sometimes caused by allergies), rheumatoid arthritis, premenstrual syndrome (PMS), breast pain, menopause symptoms, and other conditions.

## Safety

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This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

## Handling recommendations

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Keep locked up. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, reducing agents, alkalis.

## Packaging, Storage & Shelf Life

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Package 25kg/drum; or according to customers' requirements.  
Storage Store in a well-closed container away from moisture and direct sunlight.  
Shelf Life 2 years if sealed and stored properly.