



## Arnica Oil Extract

**INCI:** Glycine soja (Soybean) Oil and Arnica Montana Flower Extract and Tocopherol

**CAS No:** 68990-11-4 **EINECS NO:** 273-579-2 **Harmonized System Code:** 3301 90 90

Arnica blossoms are gently disintegrated using a special technique, extracted with stabilized soybean oil and filtered. 10 parts arnica oil extract correspond to 1 part arnica blossoms. The oil is recommended for use at 3-10% in emulsions and oily preparations for skin and hair to promote circulation to skin/scalp.

### Specifications

#### Analytical Details

**Appearance & Odor:**

**Solubility:**

**Refractive Index  $n_D^{20}$ :**

**Density @20°C:**

**Acid Value:**

**Color Value (Gardner):**

**Iodine Value (Hanus):**

#### Specifications

Yellow oil with characteristic, herbal aroma

Soluble in oil

1.473-1.476

0.918-0.922 g/ml

< 3

8-11

125-140

#### Heavy Metals

**As:**

< 0.15 ppm ICP-OES

**Cd:**

< 0.01 ppm "

**Pb:**

< 0.2 ppm "

**Hg:**

< 0.01 ppm "

#### Allergenic Substances (according to 2003/15/EU)

**24 Allergens:**

< 1 mg/kg GC/MS

**Oakmoss and Treemoss:**

< 10 mg/kg "

#### Microbiology:

**Colony Forming Units:**

< 100/ml in absence of pathogenic germs

**By means of Thin Layer Chromatography, the following ingredients could be quantitatively proven in Arnica Oil Extract:**

Thymol

Taraxasterol

Carotenoids

Thymoel methyl ester

4-taraxasterol

$\beta$ -Sitosterol

Arnidiol/faradiol

**Storage:** 15-25°C, away from light in sealed containers. Store for up to 1 year.

**Stabilized With:**

Mixed Tocopherol Concentrate @ 0.1%

**Date:** 08/04/08

Disclaimer: All information, appearing herein on our products is based upon data that are believed to be reliable. However, it is the user's responsibility to determine the suitability of the product before use. Since the actual use of the product is beyond our control, no guarantee, express or implied, is made by Natural Sourcing of the product nor does Natural Sourcing assume any liability arising out of use, by others, of the product referred to herein.

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