

## MEDXTRACT ARNICA 1:2

<b>INCI NAME:</b>	ARNICA MONTANA FLOWER EXTRACT, PROPYLENE GLYCOL, AQUA
<b>CAS NUMBER:</b>	68990-11-4, 57-55-6, 7732-18-5

MEDXTRACT ARNICA 1:2 is the glycolic extract of Arnica Montana, produced by ultrasounds at low temperature (25°C).

Arnica Montana is a european flowering plant, belonging to the botanical family of Compositae. Arnica Montana is endemic to Europe, from southern Iberia to southern Scandinavia and the Carpathian.

MEDXTRACT ARNICA 1:2 possesses mainly vulnerary, antiseptic, anti-phlogistic, anti-rheumatic and anti-neuralgic properties and is widely used in cosmetics and personal care formulations at concentrations ranging from 1 to 10%.

PHYSICAL / CHEMICAL PROPERTIES	
Appearance (20° C):	clear liquid
Colour:	ambered
Odour:	characteristic
Used parts of plant:	flower
Concentration (plant/extract):	1:2
Propylene Glycol:	80 - 90%
Water:	10 - 20%
Dry residue (180° C - 30'):	1 - 2%
Specific gravity (20° C):	1,02 - 1,05
pH (as is):	5,5 - 7,0
Refraction index:	1,40 - 1,44
Heavy metals (Pb, Cd, Cr, Hg, As):	10 ppm max.
Pesticides:	5 ppm max.
Total Microbial Count:	< 100 UFC/ml
Preservatives:	Benzyl Alcohol (0,4%) Sodium Benzoate (0,12%) Potassium Sorbate (0,08%)

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MEDOLLA SPECIALITY CHEMICALS

di Federico Medolla

Via dei Tigli, 28/D  
06083 Bastia Umbra (PG)  
Italy

Tel. +39.075.8626826  
info@medollaspecialitychem.com  
www.medollaspecialitychem.com