

## MEDXTRACT MIMOSA 1:2

<b>INCI NAME:</b>	MIMOSA TENUIFLORA BARK EXTRACT, PROPYLENE GLYCOL, AQUA
<b>CAS NUMBER:</b>	93685-96-2, 57-55-6, 7732-18-5

**MEDXTRACT MIMOSA 1:2** is the glycolic extract of barks of Mimosa Tenuiflora , produced by ultra sounds at low temperature (25°C).

Mimosa Tenuiflora is a perennial tree or shrub native to Brazil and Mexico. The Mayans of Mexico have used roasted mimosa barks to treat skin lesions for over thousand years. The bark is known to be rich in tannins, saponins, alkaloids, lipids, phytosterols.

**MEDXTRACT MIMOSA 1:2** possesses mainly healing, anti-redness, soothing and antibacterial 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:	dark amber
Odour:	faint characteristic
Used parts of plant:	barks
Concentration (plant/extract):	1:2
Propylene Glycol:	80 - 90%
Water:	10 - 20%
Dry residue (180° C - 30'):	1 - 2%
Specific gravity (20° C):	1,03 - 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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