

## MEDXTRACT OLIVE 1:2

<b>INCI NAME:</b>	OLEA EUROPAEA LEAF EXTRACT, PROPYLENE GLYCOL, AQUA
<b>CAS NUMBER:</b>	8001-25-0/84012-27-1, 57-55-6, 7732-18-5

MEDXTRACT OLIVE 1:2 is the glycolic extract of leaves of Olea Europaea, produced by ultrasounds at low temperature (25°C).

Olea Europaea belongs to the botanical family of Oleaceae and is an evergreen small tree, native to the Mediterranean region, Asia and parts of Africa. Its fruit, the olive, is of major agricultural importance in the Mediterranean region as the source of olive oil.

MEDXTRACT OLIVE 1:2 possesses mainly emollient, revitalizing, anti-inflammatory, soothing and antioxidant 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 to slightly opalescent liquid
Colour:	ambered
Odour:	faint characteristic
Used parts of plant:	leaves
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%)

Revision n.00 Date: 10.2015