



MEDXTRACT APPLE 1:2

INCI NAME:	PYRUS MALUS FRUIT EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	85251-63-4, 57-55-6, 7732-18-5

MEDXTRACT APPLE 1:2 is the glycolic extract of fruits of Pyrus Malus, produced by ultrasounds at low temperature (25°C).

Pyrus Malus belongs to the botanical family of Rosaceae and is one of the most widely cultivated tree fruits, originated from Asia, where its wild ancestor is still found today.

MEDXTRACT APPLE 1:2 possesses mainly anti-rheumatic, healing, stimulant, astringent and skin revitalizing 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:	light ambered
Odour:	faint characteristic
Used parts of plant:	fruits
Concentration (plant/extract):	1:2
Propylene Glycol:	80 - 90%
Water:	10 - 20%
Dry residue (180° C - 30'):	1 - 2%
Specific gravity (20° C):	1,04 - 1,06
pH (as is):	4,5 - 6,0
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

