



MEDXTRACT MARSHMALLOW 1:2

INCI NAME:	ALTHAEA OFFICINALIS ROOT EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	73049-65-7, 57-55-6, 7732-18-5

MEDXTRACT MARSHMALLOW 1:2 is the glycolic extract of roots of *Althaea Officinalis* produced by ultrasounds at low temperature (25°C).

Althaea Officinalis is a species in the family *Malvaceae* native to Europe. It was brought to America as a medicinal plant. The greyish, velvety leaves are a good way to distinguish this from other mallows.

MEDXTRACT MARSHMALLOW 1:2 possesses mainly emollient, decongesting, moisturizing, soothing and vulnerary 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:	root
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%)

Revision n.00 Date: 08.2015

