



MEDXTRACT SPIRULINA 1:2

INCI NAME:	SPIRULINA MAXIMA EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	- , 57-55-6, 7732-18-5

MEDXTRACT SPIRULINA 1:2 is the glycolic extract of Spirulina Maxima and is produced by ultrasounds at low temperature (25°C).

Spirulina Maxima belongs to the botanical family of Cyanophyceae and consists of free-floating filamentous cyanobacteria characterized by cylindrical, multicellular trichomes in an open left-hand helix. Spirulina Maxima occurs naturally in Central America lakes with high pH and high concentrations of carbonate and bicarbonate.

MEDXTRACT SPIRULINA 1:2 possesses mainly nourishing, mineralizing and emollient 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:	greenish
Odour:	faint characteristic
Used parts of plant:	plant
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):	6,0 - 7,5
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

