



MEDXTRACT CUCUMBER 1:2

INCI NAME:	CUCUMIS SATIVUS FRUIT EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	89998-01-6, 57-55-6, 7732-18-5

MEDXTRACT CUCUMBER 1:2 is the glycolic extract of fruits of Cucumis Sativus, produced by ultrasounds at low temperature (25°C).

The cucumber (Cucumis Sativus) is a widely cultivated plant in the gourd family Cucurbitaceae, which includes squash, and in the same genus as the muskmelon.

MEDXTRACT CUCUMBER 1:2 possesses mainly refreshing, mineralizing, diuretic, moisturizing and vitaminic 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:	fruit
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 - 1,04
pH (as is):	6,0 - 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%)

