



MEDXTRACT WITCH HAZEL 1:2

INCI NAME:	HAMAMELIS VIRGINIANA LEAF EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	84696-19-5 , 57-55-6, 7732-18-5

MEDXTRACT WITCH HAZEL 1:2 is a glycolic extract of Hamamelis Virginiana and is produced by ultrasounds at low temperature (25°C).

Hamamelis Virginiana is a shrubby plant in the family Hamamelidaceae native to the western regions of the United States and Canada, cultivated in Europe too. Its main components are tannins, flavonoids, essential oils.

MEDXTRACT WITCH HAZEL 1:2 possesses mainly astringent, anti-inflammatory, tonic and haemostatic 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:	leaves
Concentration (plant/extract):	1:2
Propylene Glycol:	80 - 90%
Water:	10 - 20%
Dry residue (180° C - 30'):	1 - 2%
Specific gravity (20° C):	1,03 - 1,05
pH (as is):	5,0 - 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%)

Revision n.001 Date: 01.2016

