



MEDXTRACT WHEAT GERM 1:2

INCI NAME:	TRITICUM VULGARE GERM EXTRACT, PROPYLENE GLYCOL, AQUA
CAS NUMBER:	84012-44-2 , 57-55-6, 7732-18-5

MEDXTRACT WHEAT GERM 1:2 is a glycolic extract of Triticum Vulgare and is obtained by ultrasounds at low temperature (25°C).

Triticum Vulgare belongs to the botanical class of Graminaceae and its main components are fatty substances, nitrogen substances, starch, cellulose, mineral salts.

MEDXTRACT WHEAT GERM 1:2 possesses mainly emollient, refreshing, anti-inflammatory and restructuring properties and is widely used in cosmetics and personal care formulations such as bath foams, gels, shampoos, ointments, emulsions, at concentrations ranging from 1 to 10%.

PHYSICAL / CHEMICAL PROPERTIES	
Appearance (20° C):	clear liquid
Colour:	yellow ambered
Odour:	characteristic
Used parts of plant:	germs
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%)

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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

