

# Deep Caring NMF Moisturizer

5032-24-1-4P

## Product description

Our Deep Caring NMF Moisturizer is enriched with omega fatty acids from our **SonneNatural PF-1**

@Jos: Have you % content of omega fatty acids in SonneNatural PF-1? If yes, please insert.

Omega fatty acids are important components of the skin barrier, which protects the skin from moisture loss and environmental influences. They also have anti-inflammatory and antioxidant properties that keep the skin looking healthy and youthful. Omega fatty acids can be obtained from food or from skin care products that contain them. They are particularly beneficial for dry, sensitive or ageing skin.

Effect of magnolia extract:

The antioxidant, anti-inflammatory and antibacterial effects on the skin are particularly interesting. Numerous studies have shown that magnolol and hanokiol inhibit the formation of reactive oxidation products.

Effect of Cosactive NMF:

Cosactive NMF is a blend of humectants in aqueous solution to replace the Natural Moisturising Factor (NMF) of human skin. It is particularly suitable for use in hydro-regulating cosmetics and anti-aging products.

Modern, caring moisturizer with less smell and NMF moisture complex. Ideal for dry skin or caring product in autumn winter time as water-in-oil lotion type.

## Formula

Phase	Name	INCI	Supplier	%	Function
1	Water, demin	Aqua	divers	56,1	solvent
1	Glycerin 99.5%	Glycerin, Aqua	divers	5,0	humectant
1	Cosactive NMF	Aqua, Sodium Lactate, Sodium PCA, Pentylene Glycol, Glycine, Inositol, Lactic Acid, Niacinamide, Urea	Cosactive	2,5	Skin Conditioning, humectant
1	Symsave H	Hydroxyacetophenone	Antioxidant	0,8	viscosity controlling
1	Magnesiumsulfat	Magnesium Sulfate	Divers	0,7	bulking
1	Zitronensäure E330	Citric Acid	Divers	0,15	buffering
2	SonneNatural PF-1	<b>Olus Oil</b>	<b>Sonneborn</b>	<b>18</b>	<b>Skin conditioni</b>

					ng, source of omega fatty acids
2	Cosactive Tocas	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil, Ascorbyl Isostearate, Ascorbic Acid	Cosactive	1,0	antioxidant
2	Tegosoft CT MB	Caprylic/Capric Triglyceride	Evonik	3,0	Skin conditioning
2	Cetiol OE	Dicaprylyl Ether	BASF	3,0	Skin conditioning
2	Eutanol G	Octyldodecanol	BASF	3,0	Skin conditioning
2	Isolan GPS	Polyglyceryl-4 Diisostearate/Polyhydroxystearate /Sebacate	Evonik	5,0	Emulsifier
2	Magnoliextract	Magnolia Officinalis Bark Extract	Lehmann & Voss	0,75	Skin conditioning

### Lab manufacturing

1. Heat oil phase and water phase up.
2. Add water phase slowly into oil phase under stir at 700 rpm, 5 min
3. Homogenize 2 min at 15.000 rpm
4. Cool down under stirring at 550 rpm.
5. Homogenize again for 2 min at 15.000 rpm. Ready.

### Product characteristics

off-white texture with a soft-feeling properties on skin, a little fatty, caring and pleasant playtime during rub into skin

viscosity 55.000 mPas

stable at 40°C for 3 month, stable at 6°C for 1 month, stable at cycletest for 6 days at -10°C/+40°C, stable at roomtemperature