

TRI-SOLVE P

High performing skin barrier recovery

Product category	Active ingredient	
Chemical nature	Gel obtained by encapsulation by high pressure homogenization of Trehalose and Ceramides into lipophilic vesicles constituted by Lecithin and Vegetable origin Sterols.	
Indications	Active ingredient able to restore the hydrolipidic film enhancing skin natural barrier function and reducing the Trans-Epidermal-Water-Loss. It guarantees an immediate and long-lasting hydration.	
Applications	Recommended for products for dry and atopic skins, and in general for dermatological disorders linked to impaired hydrolipidic film situations.	
INCI name	Trehalose, Ceramide NS, Phytosterols, Hydrogenated Lecithin	
Chemical-physical characteristics	Appearance:	viscous gel
	Colour:	from yellow to amber
	pH (sol.10%):	4.50-7.50
	Viscosity (at 25°C):	600-6000 mPa.s
	Dry residue (at 105°C):	77.00-87.00%
Microbiological specifications	Bacteria:	≤ 100 cfu/g
	Moulds and yeasts:	≤ 10 cfu/g
	<i>P. aeruginosa</i> :	absent
	<i>S. aureus</i> :	absent
	<i>C. albicans</i> :	absent

Composition

INCI Name	CAS N°	EINECS/ELINCS N°	Composition
Ceramide NS	100403-19-8	-	1-5%
Phytosterols	-	-	1-5%
Hydrogenated Lecithin	92128-87-5	295-786-7	1-5%
Octyldodecanol	5333-42-6	226-242-9	5-10%
Trehalose	99-20-7	202-739-6	10-25%
Glycerin	56-81-5	200-289-5	10-25%
Aqua	7732-18-5	231-791-2	10-35%

Preservative system	Product is unpreserved	
Formulative indications	This product can be added at the end of manufacturing process, after cooling phase in case of emulsions. Temperature must not exceed 40°C.	
Suggested dosage	The product could be used between 1 and 3%	
Compatibility	Generally compatible with all substances if used according to general indications. Any incompatibility could be due to single ingredients of the mixture.	
Storage	Keep product in a cool place away from direct light. Store in an air-tight container. In order to ensure an adequate stability of the product, store at temperature between 5-25°C.	
Shelf life	12 months	
Toxicological data	Skin irritation (<i>in vitro</i>):	minimum irritant
	Eye irritation (<i>in vitro</i>):	minimum irritant
HS code	2942 00 00	