

Since 1997

Fine Chemicals and More ...



Natural Sun Spray SPF 30 (SLI-014)

Sun Spray based on Zinc Oxide as single UV – Filter. Broadband UV – spectrum.

Phase	Ingredient	INCI	% w/w	Function
A	Water demin.	AQUA	QS	
	Glycerin 99,5% (Glaconchemie GmbH)	GLYCERIN	2.00	Humectant
	D-Panthenol 75 %	PANTHENOL	0.50	Active
	XG FNCSP-PC	XANTHAN GUM	0.20	Rheology Modifier
B	TEGO® Care PBS 6 MB	POLYGLYCERYL-6 STEARATE, POLYGLYCERYL-6 BEHENATE	4.00	Emulsifier
	Lanette® O	CETEARYL ALCOHOL	0.25	Stabilizer
	TEGIN® Pellets MB	GLYCERYL STEARATE SE	0.25	Stabilizer
	dermofeel® sensolv MB	ISOAMYL LAURATE	10.00	Emollient
	Xperse® 501 (EverCare)	ZINC OXIDE, CAPRYLIC/CAPRIC TRIGLYCERIDE, POLYHYDROXY STEARIC ACID	30.00	UV – Filter
C	Sharomix™ EG10 (Sharon Laboratories Ltd.)	ETHYLHEXYLGLYCERIN, PHENOXYETHANOL	1.00	Preservative
D	Citric Acid 10%	CITRIC ACID	QS	pH – Adjuster

Natural Sun Spray SPF 30 (SLI-014)

Sun Spray based on Zinc Oxide as single UV – Filter. Broadband UV – spectrum.

Specification:

Appearance: White emulsion

pH-value: 7.40 – 7.80

Viscosity: approx. 2600 mPas
(IKA Rotavisc me-vi, SP9, 5rpm, 20°C)

Stability: Stable for 3 months at 4°C, 20°C and 40°C,
1 month at 45°C

Procedure:

- I. Mix the components of phase A while stirring and heat up to 80°C.
- II. Mix the components of phase B while stirring and heat up to 80°C.
- III. Add phase B to phase A and homogenize for 5 – 10 minutes.
- IV. Cool down to 35°C and add phase C.
- V. Set pH-value with phase D.

SLI Chemicals GmbH

Insterburger Str. 7, 60487 Frankfurt/M. (Germany) ☎ +49 (0) 69 74 74 28 0 ✉ labor@slichemicals.com 🌐 www.slichemicals.com

This information is based on the information provided by our suppliers and the current state of our knowledge and is intended to provide information about the products of our suppliers and their possible applications. They do not have the meaning to guarantee certain properties of the products or their suitability for a specific application. Any existing industrial property rights must be observed.

Diese Angaben basieren auf Informationen unserer Lieferanten sowie unserem aktuellen Stand unserer Kenntnisse und sollen über die Produkte unserer Lieferanten und deren Anwendungsmöglichkeiten informieren. Sie sichern keine bestimmte Eigenschaften der Produkte oder deren Eignung für einen konkreten Einsatzzweck zu. Etwa bestehende gewerbliche Schutzrechte sind zu berücksichtigen.