

Chemlink Formulary

PRODUCT:- High SPF Sunscreen Cream

DESCRIPTION:- A light feeling SPF 50 (Approx) sunscreen cream with minimal 'ghosting'. This formulation also has waterproofing potential courtesy of the CosmoSurf DDG 28

Reference:- SPF 50 Sunscreen Cream I

<i>Ingredient</i>	%
Caprylic/ Capric Triglyceride <i>Chemlink</i>	10.0
Nuviguard OC-320 (Octocrylene) <i>Chemlink/ White Sea & Baltic</i>	10.0
Nuviguard OMC-800 (Octyl Methoxycinnamate) <i>Chemlink/ White Sea & Baltic</i>	10.0
Nuviguard ABI100 (Avobenzone) <i>Chemlink/ White Sea & Baltic</i>	5.0
Sunsorb TiO ₂ E70/200/50 (Titanium Dioxide, Caprylic/Capric Triglyceride) <i>Chemlink/ ReBain International</i>	4.0
Silwax D02 (Ethyl Methicone) <i>Chemlink/ Siltech</i>	2.0
Hostaphat KL 340D (Trilaureth-4 Phosphate) <i>Chemlink/ Clariant</i>	2.0
PEG-7 Glyceryl Cocoate <i>Chemlink</i>	6.0
Aristoflex AVC (Ammonium Acryloyldimethyltaurate/ VP Copolymer) <i>Chemlink/ Claraint</i>	1.0
Nipaguard PO5 (Phenoxyethanol, Piroctone Olamine) <i>Chemlink/ Clariant</i>	0.8
CosmoSurf DDG-28 (Bis-Dodecylhexyldecyl Dimer Dilioleate/ Propanediol Copolymer) <i>Chemlink/ SurfâTech</i>	2.0
Water	To Balance

Method

Blend together the Nuviguards in the MCT oil (Some slight heating may be required) until completely clear. Add the remaining ingredients and mix until homogenous. Once homogenous add the formulation amount of water and allow to thicken, homogenise to complete

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