



KSL-420A-BR

Natural Sunscreen



%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
23.40	Deionized Water	Water	
1.50	Glicerina Bi-Destilada U.S.P.	Glycerin	Synth
0.60	Cloreto de Sódio	Sodium Chloride	CAAL
Part 2			
22.50	NHP55STS	Titanium Dioxide (And) C13-15 Alkane (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid	Kobo Products
20.00	Tegosoft® CT	Caprylic/Capric Triglycerides	Cosmotec
19.00	ZNO-750-NJE7	Zinc Oxide (And) Jojoba Esters	Kobo Products
3.50	Emulium® Illustro	Polyglyceryl-6 Polyhydroxystearate (and) Polyglyceryl-6 Polyricinoleate (and) Polyglycerol-6	Gattefossé/MCassa b
2.00	SunBoost ATB Natural	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	Kobo Products
1.50	Olivem® 900	Sorbitan Olivatate	HallStar/QuantiQ
0.60	Tecwax Abelha	Beeswax	Cosmotec
0.40	SALACOS® HS-6C	Polyhydroxystearic Acid	Ikeda/Kobo Products
Part 3			
1.00	Lexgard® Natural	Glyceryl Caprylate (and) Glyceryl Undecylenate	Inolex
Part 4			
2.50	MSS-500/3H	Silica	Kobo Products
1.50	FLORITE PS-10	Calcium Silicate	Kobo Products
100.00			

Description:

Natural Sunscreen, composed of only mineral UV filters, leaves minimal white residue. It features the Natural Origin filters NHP55STS, a TiO2 dispersion in the light emollient C13-15 Alkane, and ZNO-750-NJE7, a ZnO powder treated with Jojoba Ester, to provide UVB and UVA protection. SunBoost ATB Natural is a proprietary ratio of antioxidant, anti-irritant and anti-inflammatory agents, that boosts SPF and PFA. SALACOS® HS-6C, helps in sunscreen dispersion. Calcium silicate microsphere FLORITE PS-10 and silica microsphere MSS-500/3H contribute with a non-oily after feel, while MSS-500/3H also imparts creaminess.

Manufacturing Procedure:

1. Combine Part 1 and heat to 75° C.
2. Combine Part 2. Mix until full dispersion of Zinc Oxide and heat to 75° C.
3. Add Part 1 to Part 2 slowly under stirring. Mix until homogeneous.
4. Cool to 60° C and add Part 3. Mix until homogeneous.
5. Cool to 25° C and add Part 4. Mix until homogeneous.

Active Inredient(s):

Titanium Dioxide	9.96%
Zinc Oxide	17.58%

Testing:

SPF: in vivo on 3 subjects
UVA-PF: in vivo on 3 subjects

Notes:

CW: 371nm; tested using ISO 24443:2012 methodology



KOBO
www.koboproducts.com

July, 2019

FORMULATIONS

Product formulations are included as illustrative examples only. Kobo Products Inc. makes no representation or warranty concerning the efficacy or safety of any product manufactured using such formulations. All statements concerning the possible use of Kobo Products Inc. are for research purposes only. Responsibility for the performance or adequate testing of any product prior to sale or use of any such product lies with the manufacturer thereof.

USE OF PRODUCTS

Products sold by Kobo are designed, manufactured and sold for industrial use only. Prior to use of any such product for any application other than an industrial use, the user has the sole responsibility and obligation to determine the suitability of any such product for any such application.

PATENT STATUS

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

LIMITATION OF LIABILITY

Kobo Products Inc. shall in no event, whether the claim is based on warranty, contract, tort, strict liability, negligence or otherwise, be liable for incidental or consequential damages, or for any other damages in excess of the amount of the purchase price.

KOBO

The Powder & Dispersion Specialist



KOBO PRODUCTS, INC
3474 South Clinton Avenue
South Plainfield, NJ 07080
USA

Tel: +1 - 908 757 0033
Fax: +1 - 908 757 0905



KOBO BRASIL, LTDA
Rua Francisco Nakazato n. 2357
Itupeva SP 13.295-000
BRASIL

Tel: +55 (11) 5062 6034



KOBO PRODUCTS, LTD
67D(IV), Innovation Drive
Milton Park, Abingdon, OX14 4RQ
UNITED KINGDOM

Tel: +44 7913 636 673



KOBO PRODUCTS, SAS
135 Rue Buissonnière
Quartier Bouysset
31670 Labège
FRANCE

Tel: +33 - (0) 5 62 88 77 40
Fax: +33 - (0) 5 62 88 77 49



KOBO DISPATEK, INC
1-4-8 Nihombashi-bakurocho
Chuoko, Tokyo, 103-0002
JAPAN

Tel: +81 - 3 3663 8049
Fax: +81 - 3 3661 8679

www.koboproducts.com

www.koboproducts.com