



KSL-465

W/O Rash Guard Sunscreen with NOE Treatment

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
15.00	ZNO-C-NOE4	Zinc Oxide (And) Hydrogenated Olive Oil Stearyl Esters	Kobo Products
14.60	CSF-3100@1000cSt	Dimethicone	Avantor
10.00	MZO-35-NOE7	Zinc Oxide (And) Hydrogenated Olive Oil Stearyl Esters	Kobo Products
4.50	ABIL® WE 09	Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate	Evonik
4.50	PHYTOLANE LS	Squalane	Barnet
2.20	COSMOL™ 43V	Polyglyceryl-2 Triisostearate	Ikeda
2.00	A15-TiO2-ST-NOE8	Titanium Dioxide (And) Hydrogenated Olive Oil Stearyl Esters (And) Aluminum Hydroxide	Kobo Products
1.80	Abil® EM 90	Cetyl PEG/PPG-10/1 Dimethicone	Evonik
0.10	BYO-NOE4	Iron Oxides (CI 77492) (And) Hydrogenated Olive Oil Stearyl Esters	Kobo Products
Part 2			
9.00	SALACOS® 334	Caprylic/Capric/Myristic/Stearic Triglyceride	Ikeda
6.00	DERMOFAT 4919	Stearic Acid	Alzo International
2.60	Bentone Gel® TN V	C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate	Elementis Specialties
Part 3			
21.00	Deionized Water	Water	
3.00	GLYCERIN U.S.P. NATURAL 96%	Glycerin	Ruger Chemical
1.50	Diglycerol	Diglycerin	Solvay
1.00	Sodium Chloride	Sodium Chloride	Morton Salt
1.00	Symdiol 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.15	Protacide Na3 EDTA	Trisodium EDTA	Protameen Chemicals
0.05	ALLANTOIN	Allantoin	Jeen International
100.00			

Description:

This high coverage sunscreen conceals and can be used on multiple complexions to even out skin tone. Kobo treated sunscreen powders MZO-35-NOE7 and ZNO-C-NOE4 will help achieve a high level of UVB/UVA protection. A15-TiO2-ST-NOE8, a granular TiO2 powder, effectively attenuates IR radiation in the near infrared range. The use of Kobo's Natural Olive Esters (NOE) Featured in this formulation are Kobo's NOE treated pigments to creates a creamy feel and increased spreadability.

Manufacturing Procedure:

1. Combine Part 1 - homogenize until color is uniform.
2. Switch to prop mix - heat to 75°C then add Part 2 - mix until uniform.
3. Combine Part 3 - heat to 75°C mix until uniform.
4. Slowly add Part 3 to Part 1 + 2 batch - mix until homogenous.
5. Cool batch to 45°C - switch to side sweep low speed to 30°C.

Active Inaredient(s):

Zinc Oxide 23.70%



KOBO
www.koboproducts.com

May, 2020

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