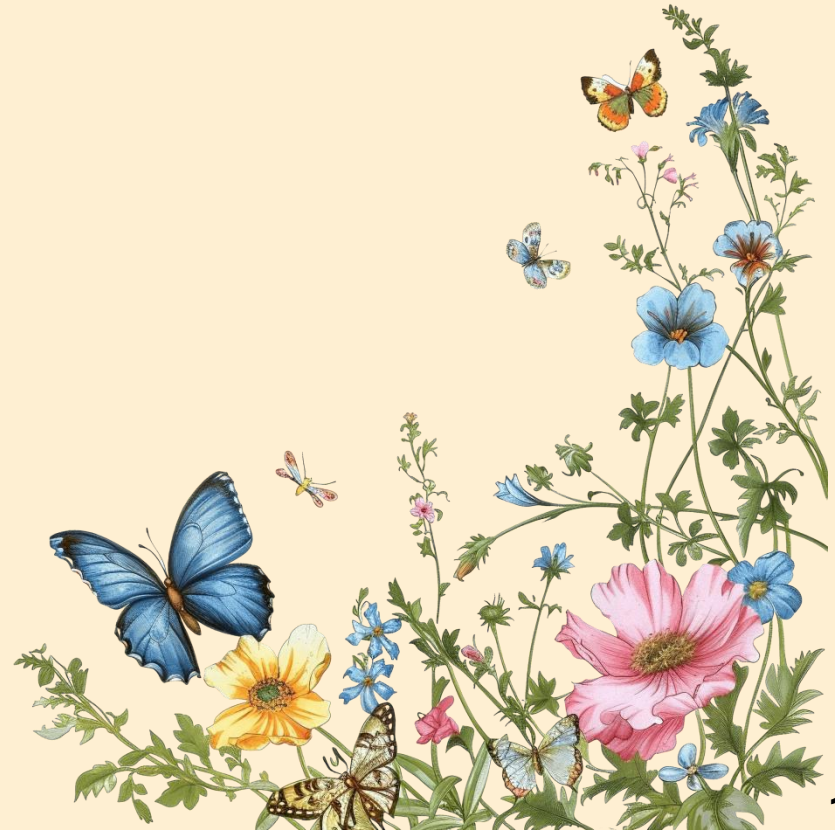


# Sun Care proposal

## 2024 F/W



# Sun Care Proposal from SUNJIN

## W/O



## O/W



## Sticks



# Part 1. W/O Sun Care Proposal

## Mineral



# Transparency & UV performance



Chroma Meter

SHISEIDO  
W/S Perfect UV  
Protector S  
SPF 42.86 PA 12.10  
**White Index: 33.3**



Mineral Premium Sun Fluid  
**(No BOS)**  
SPF 54.2 PA 19.8  
**White Index: 32.8**



Pure ZINA Suncare  
SPF 50.00 PA 16.80  
**White Index: 17.92**



Pure Zinc Suncare  
SPF 50.00 PA 18.38  
**White Index: 20.66**



Pure Eco Shaking Sun Milk  
SPF 51.00 PA 16.80  
**White Index: 30.0**



Test Condition :

- 0.02g for each area (1.5cm x 3.0cm)

## 1.1 Pure ZINA Suncare



# Pure ZINA Suncare

## UL2000\_W/O Pure ZINA Suncare SPF50 PA++++

### Ultra Transparent

In vivo tested  
at SUNJIN clinic:  
SPF 50.00  
PA 16.80

Stability test at 50°C:  
4 week

Transparency  
by white index:

Viscosity (LV3, 12rpm):  
23,150 cPs



	Ingredients	INCI Name	%	%
A	MLB	Polyglyceryl-4 Isostearate, Coco-Caprylate/Caprata, Polyglyceryl-3 Polyricinoleate, Sorbitan Isostearate, Distearidimonium Hectorite	5.0	5.0
	Dehymuls PGPH	Polyglyceryl-2 Dipolyhydroxystearate	0.9	0.9
	ZINA-75AB	Zinc Oxide, C12-15 Alkyl Benzoate, Triethoxycaprylylsilane, Polyhydroxystearic Acid	34.5	34.5
	SUNBOS	Butyloctyl Salicylate	-	10.0
	Saboderm AB	C12-15 Alkyl Benzoate	10.0	-
	SFGEL-M	Caprylic/Capric Triglyceride, Dicaprylyl Carbonate, Silica, Dextrin Palmitate, Diisostearyl Malate, Lactobacillus ferment	9.0	9.0
B	EDTA-2Na	Disodium EDTA	0.05	0.1
	NaCl	Sodium chloride	0.5	0.5
	D.I.WATER	Water	35.95	36.0
	Glycerin	Glycerin	3.0	3.0
	1,2-Hexandiol	Hexandiol	1.0	1.0
	Sensiva SC 50	Ethylhexylglycerin	0.1	0.1

In vivo SPF	42.6	<b>50.0</b>
In vivo PA	14.6	<b>16.8</b>

## 1.2 Pure Zinc Suncare



# Pure Zinc Suncare

## UL008\_Pure Zinc Suncare SPF50 PA++++

Clean Beauty  
No PEG  
No silicone

In vivo tested  
at SUNJIN clinic:  
SPF 50.00  
PA 18.38

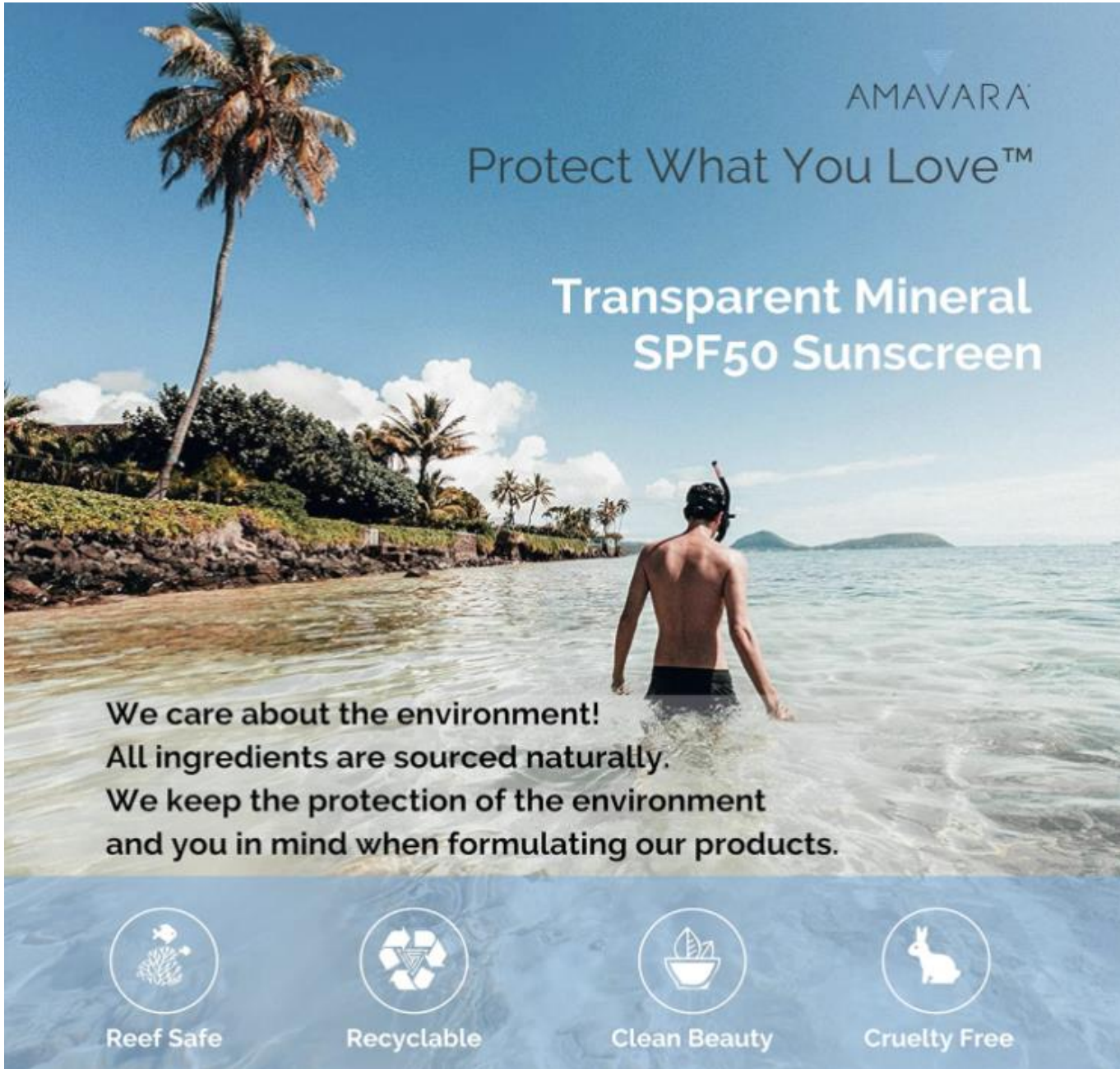
Stability test at 50°C:  
4 weeks

Viscosity (LV3, 12rpm):  
26,240 cPs

	Ingredients	INCI Name	Pure Zinc	Pure Zinc Silky
A	MLB	Polyglyceryl-4 Isostearate, Coco-Caprylate/Caprates, Distearidimonium Hectorite, Polyglyceryl-3 Polyricinoleate, Sorbitan Isostearate	5	5
	Dehymuls PGPH	Polyglyceryl-2 Dipolyhydroxystearate	0.9	0.9
	Z65M	Zinc Oxide, Triethoxycaprylylsilane, Caprylic/Capric Triglyceride, Polyhydroxystearic acid	11.5	11.5
	SUNCLEAR-Z50(K)	Zinc Oxide, Triethoxycaprylylsilane, C12-15 Alkyl Benzoate, Polyhydroxystearic acid	35	35
	SUNBOS	Butyloctyl Salicylate	7.5	7.5
	SFGEL-M	Dextrin Palmitate, Dicaprylyl Carbonate, Caprylic/Capric Triglyceride, Silica, Diisostearyl Malate, Lactobacillus ferment	-	5
	Saboderm AB	C12-15 Alkyl Benzoate	5	-
B	EDTA-2Na	Disodium EDTA	0.05	0.05
	NaCl	Sodium Chloride	0.5	0.5
	D.I.Water	Water	31.95	31.95
	Propandiol	Propandiol	4	4
	1,2-Hexanediol	1,2-Hexanediol	1	1
	Sensiva SC50	Ethylhexylglycerin	0.1	0.1











AMAVARA<sup>®</sup>

Protect What You Love<sup>™</sup>

**Transparent Mineral  
SPF50 Sunscreen**

**We care about the environment!  
All ingredients are sourced naturally.  
We keep the protection of the environment  
and you in mind when formulating our products.**

-   
Reef Safe
-   
Recyclable
-   
Clean Beauty
-   
Cruelty Free

## 1.3. Pure Eco Shaking Sun Milk



# Pure Eco Shaking Sun Milk

## SJF-2337\_Pure Eco Shaking Sun Milk SPF50+ PA++++

### Pure Eco Shaking Sun Milk

In vivo tested  
at 3<sup>rd</sup> party clinic:  
SPF 51.00  
PA 16.80

Stability test at 50°C:  
1 week

Transparency  
by white index:  
30.0

Viscosity (LV3, 12rpm):  
17,730 cPs



	Ingredients	INCI Name	White	Light	Dark
A	MLB	Polyglyceryl-4 Isostearate , Coco-Caprylate/Caprates, Disteardimonium Hectorite, Polyglyceryl-3 Polyricinoleate, Sorbitan Isostearate	5.0	5.0	5.0
	Dehymuls PGPH	Polyglyceryl-2 Dipolyhydroxystearate	0.5	0.5	0.5
	SUNBOS	Butyloctyl Salicylate	9.0	9.0	9.0
	Z75R-CCTG	Zinc oxide, Triethoxycaprylylsilane, Caprylic/Capric Triglyceride, Polyhydroxystearic acid	30.0	30.0	30.0
	TZ50-CCTG	Zinc Oxide, Stearic Acid, Titanium Dioxide, Aluminium Hydroxide, Caprylic/Capric Triglyceride, Polyhydroxystearic acid	12.0	12.0	12.0
	SUNSIL-LUX 150H	Silica	1.0	1.0	1.0
	MCT oil	Caprylic/Capric Triglyceride	-	7.0	7.0
	Puriol PHS	polyhydroxystearic acid	-	0.5	0.5
	SUNIOY-AS	Iron Oxide Yellow, Triethoxycaprylylsilane	-	0.2	1.1
	SUNIOR-AS	Iron Oxide Red, Triethoxycaprylylsilane	-	0.0	0.2
SUNIOB-AS	Iron Oxide Black, Triethoxycaprylylsilane	-	-	0.1	
B	D.I.Water	Water	34.9	29.1	28.0
	NaCl	Sodium Chloride	1.0	1.0	1.0
	GLYCERIN	Glycerin	5.0	3.0	3.0
	1,2-Hexanediol	1,2-Hexanediol	1.5	1.5	1.5
	Sensiva SC50	Ethylhexylglycerin	0.1	0.1	0.1

**1.5 W/O Mineral**  
**Premium Texture(No BOS, No Booster)**



# W/O Mineral Only Premium Sun Fluid



# Mineral Premium Sun Fluid

## SJF-2334\_W/O Mineral Only Sun Fluid SPF 50+ PA++++

### Commercialized Premium Texture by SFGEL

In vivo tested  
at 3<sup>rd</sup> party clinic:  
SPF 54.2  
PA 19.8

Stability test at 50°C:  
1 week

Transparency  
by white index:  
32.8

Viscosity (LV2, 200rpm):  
973 cPs



	Ingredients	INCI Name	%
A	ISOLAN GI 34	Polyglyceryl-4 Isostearate	1.5
	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	3.0
	SPAN 83-LQ-(MV)	Sorbitan Sesquioleate	0.9
	SFGEL-M	Caprylic/Capric Triglyceride, Dicaprylyl Carbonate, Silica, Dextrin Palmitate, Diisostearyl Malate, Lactobacillus Ferment	5.0
	SUNCLEAR-Z50(K)	Zinc Oxide, Triethoxycaprylylsilane, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid	25.0
	Z65M	Zinc Oxide, Caprylic/Capric Triglyceride, Polyhydroxystearic Acid, Triethoxycaprylylsilane	19.5
	Cetiol Ultimate	Undecane, Tridecane	12.0
B	D.I.Water	Water	17.0
	NaCl	Sodium Chloride	0.9
	Hyalpol Matrix	Sodium Hyaluronate Crosspolymer, Hydrolyzed Glycosaminoglycans, Sodium Hyaluronate, Hydrolyzed Hyaluronic Acid	1.0
	Hyalpol Moisture Plus-2,3BG	Sodium Hyaluronate Crosspolymer	1.0
	TXD55-AQ	Titanium Dioxide, Silica, Dimethicone, Water, Butylene Glycol, Polysorbate 60, Oleth-10, 1,2-Hexanediol	7.0
	Glycerin	Glycerin	5.0
C	1,2-Hexanediol	1,2-Hexanediol	1.0
	Sensiva SC 50	Ethylhexylglycerin	0.1
	Fragrance	Fragrance	0.1

# Mineral Premium Sun Fluid

## SJF-2334\_W/O Mineral Only Sun Fluid SPF50+ PA++++

### Commercialized Premium Texture by SFGEL

In vivo tested  
at 3<sup>rd</sup> party clinic:  
SPF 54.2  
PA 19.8

Stability test at 50°C:  
1 week

Transparency  
by white index:  
32.8

Viscosity (LV2, 200rpm):  
973 cPs



	Ingredients	INCI Name	%
A	ISOLAN GI 34	Polyglyceryl-4 Isostearate	1.5
	Dehymuls® PGPH	Polyglyceryl-2 Dipolyhydroxystearate	3.0
	SPAN 83-LQ-(MV)	Sorbitan Sesquioleate	0.9
	SFGEL-M	Caprylic/Capric Triglyceride, Dicaprylyl Carbonate, Silica, Dextrin Palmitate, Diisostearyl Malate, Lactobacillus Ferment	5.0
	SUNCLEAR-Z50(K)	Zinc Oxide, Triethoxycaprylylsilane, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid	25.0
	Z65M	Zinc Oxide, Caprylic/Capric Triglyceride, Polyhydroxystearic Acid, Triethoxycaprylylsilane	19.5
B			
C	<p><u>Formulation Technology</u> A double-coverage of large-sized sunscreen powder and small-sized sunscreen powder covers the skin tightly and powerfully blocks UV rays</p>		

## 1.6 ZnO Only Baby Sun Care



# Regulation for Children's Sun Care in China

- Use raw materials **with a safe use history**
- **No genetic engineering technology**
- **No nanotechnology**
- **No more than 5 types of chemical UV filters** (including 5 types)
- **No more than 90%** of the limit in STSC of a single chemical UV filter
- Total combined usage level of **TiO<sub>2</sub> and ZnO shall not exceed 25%**
- For **high SPF value**, safety should be fully evaluated.



# ZnO Only Baby Suncare

## SJF-2332 ZnO Only Baby Suncare SPF30 PA+++

### Chinese Baby Sun Care

In vivo tested  
at SUNJIN clinic:  
SPF 30.00  
PA 10.00

Stability test at 50°C:  
4 weeks

Transparency  
by white index:  
22.8

Viscosity (LV3, 12rpm):  
18,960 cPs



	Ingredients	INCI Name	Zinc Only	Zinc Only Luxury
A	Cetiol Ultimate	Undecane, Tridecane	3.0	3.0
	Cetiol C5C	Coco-Caprylate/Caprata	10.0	10.0
	Tegosoft CT	Caprylic/Capric Triglyceride	3.0	3.0
	MLB	Polyglyceryl-4 Isostearate, Coco-Caprylate/Caprata, Polyglyceryl-3 polyricinoleate, Sorbitan isostearate, Distearidimonium Hectorite	5.5	5.5
	HECTOGEL-ISDV MILD	Isododecane, Distearidimonium Hectorite, 2,3-Butanediol	10.0	10.0
	SUNBOS	Butyloctyl Salicylate	5.0	5.0
	CERAPLEX MIX	Polyglyceryl-4 Isostearate, Caprylic/Capric Triglyceride, Distearidimonium Hectorite, Ceramide NP, Hydroxypropyl Bispalmitamide MEA, Phytosterols, Stearic Acid	2.0	2.0
B	SUNZnO-AS	Zinc Oxide, Triethoxycaprylylsilane	20.0	20.0
	SUNSIL-OLEO150H	Silica, Cetyl Alcohol	2.0	-
	SUNSIL-LUX150H	Silica	-	2.0
C	D.I.Water	Water	32.4	32.4
	NaCl	Sodium Chloride	1.0	1.0
	1,3-BG	Butylene Glycol	5.0	5.0
D	1,2-Hexanediol	1,2-Hexanediol	1.0	1.0
	Sensiva SC 50	Ethylhexylglycerin	0.1	0.1

## **1.7 COSMOS Zinc Only Suncare**

# COSMOS Zinc Only Suncare

## SJF-1921\_COSMOS Zinc Only Suncare SPF34.29 PA10

### COSMOS Compliance

In vivo tested  
at SUNJIN clinic:  
SPF 34.29  
PA 10.00

Stability test at 50°C:  
4 week

Transparency  
by white index:  
34.2

Viscosity (LV3, 12rpm):  
13,200 cPs

	Ingredients	INCI Name	%
A	Cetiol C5C	Coco-caprylate/caprate	11.0
	Tegosoft MCT	Carpylic/Capric Triglyceride	2.0
	Cetiol Ultimate	Undecane, Tridecane	8.0
	RADIA 7887	Polyglyceryl-3 Polyricinoleate, Sorbitan Isostearate	5.0
	SUNSIL-OLEO150H	Silica, Cetyl Alcohol	2.0
	SUNZnO-OLEO200	Zinc Oxide, Cetyl Alcohol	25.0
B	D.I.Water	Water	36.9
	Glycerin	Glycerin	5.0
	NaCl	Sodium chloride	1.0
	Sensiva SC50	Ethylhexylglycerin	0.1
	1,2-Hexanediol	1,2-Hexanediol	1.0
	AQUA PHYTOPLEX	Glycerin, Limnanthesalba (Meadowfoam) Seed Oil, Canola Oil, Helianthus Annuus Seed Oil, Argania Spinosa Kernel Oil, Polyglyceryl-10 Stearate	3.0



## Part 2. W/O Sun Care Proposal

### Mixed UV Filter

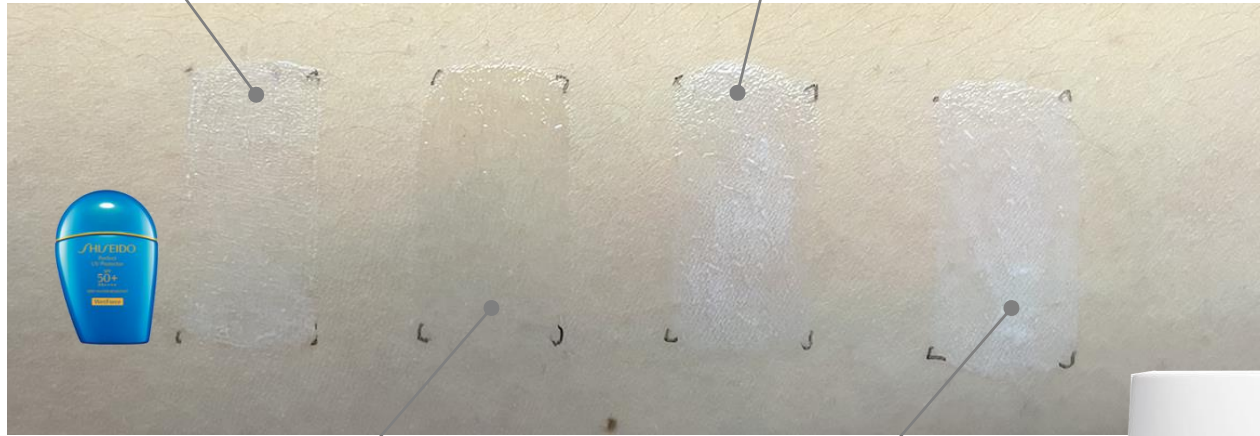


# Mixed UV Filter proposal from SUNJIN

SHISEIDO  
W/S Perfect UV  
Protector  
SPF 54.00 PA 16.00  
White Index: 6.1



SJF-2331  
**Invisible Daily**  
Sun Fluid  
SPF 54.00 PA 16.80  
**White Index: 7.0**



SJF-2330  
Light Fit Sun Gel  
SPF 57.3 PA 18.3  
**White Index: 5.3**

SJF-2134  
Moist touch  
Sports Sun Milk

SPF 56.85 PA 8.98  
**White Index: 9.0**



## 2.1. Moist Touch Sports Sun Milk



# Moist Touch Sports Sun Milk

## SJF-2134\_Moist Touch Sports Sun Milk

Commercialized

Ceramide 1500ppm

In vivo tested  
at 3<sup>rd</sup> party clinic:  
SPF 56.85  
PA 8.98

Stability test at 50°C:  
1 week

Transparency  
by white index:  
9.0

Viscosity (LV2, 200rpm):  
262 cPs



	Ingredients	INCI Name	%
A	D.I.Water	Water	14.9
	NaCl	Sodium Chloride	0.4
	Greendiol	2,3-Butanediol	3.0
	Parsol HS	Phenylbenzimidazole Sulfonic Acid, Tromethamine	0.9
	Tris Amino Ultra PC	Tromethamine	0.4
	Hyalpol metrix	Hyaluronic Acid	0.5
	Niacinamide	Niacinamide	2.0
	Adenosine	Adenosine	0.1
B	Tegosoft DEC	Diethylhexyl Carbonate	2.0
	Parsol MCX	Ethylhexyl Methoxycinnamate	6.5
	Parsol EHS	Ethylhexyl Salicylate	4.0
	Parsol 340	Octocrylene	1.0
	Uvinul A Plus	Diethylamino Hydroxybenzoyl Hexyl Benzoate	2.5
	KF-6028	PEG-9 Polydimethylsiloxylethyl Dimethicone	2.0
C	KF-995	Cyclopentasiloxane	23.1
	KSG16	Dimethicone, Dimethicone/vinyl dimethicone crosspolymer	2.0
D	SUNCLEAR-Z60(CO)	Zinc Oxide, Cyclopentasiloxane, PEG-9 Polydimethylsiloxylethyl Dimethicone, Triethoxycaprylylsilane	19.0
	SUNSIL-TIN50	Silica, Titanium Dioxide	2.0
	Marsh Mallow Powder	HDI, Trimethylol Hexyllactone Crosspolymer, Polymethyl Methacrylate	5.0
E	Ethanol	Ethanol	6.0
	1,2-Hexanediol	1,2-Hexanediol	1.0
	Sensiva SC 50	Ethylhexylglycerin	0.1
	Fragrance	Fragrance	0.1
F	CERAPLEX	Polyglyceryl-4 Isostearate, Squalane, Distardimonium Hectorite, Ceramide3(Ceramide NP), Phytosterols, Stearic Acid	1.5



## **2.2 Invisible Daily Sun Fluid**

# Invisible Daily Sun Fluid

## SJF-2331 Invisible daily Sun Fluid SPF50+ PA ++++

### OMC free (Reef Safe)

In vivo tested  
at SUNJIN clinic:  
SPF 54.00  
PA 16.80

Stability test at 50°C:  
1 week

Transparency  
by white index:  
7.0

Viscosity (LV2, 200rpm):  
190 / 262 / 731 cPs

	Ingredients	INCI Name	Sun Fluid	Cera Sun Fluid
A	Puriol-B	Dibutyl Adipate	9.5	7.0
	Cetiol Ultimate	Undecane, Tridecane	9.5	7.0
	SUNBOS	Butyloctyl Salicylate	7.5	7.5
	SUNBEMT-S	Bis-ethylhexyloxyphenol Methoxyphenyl Triazine	4.0	4.0
	Parsol EHT	Ethylhexyl Triazone	3.0	3.0
	Saboderm AB	C12-15 Alkyl benzoate	8.0	8.0
	SUNCLEAR-Z50(K)	Zinc Oxide, Triethoxycaprylylsilane, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid	25.0	25.0
	MLB	Polyglyceryl-4 Isostearate, Coco-Caprylate/Caprates, Polyglyceryl-3 polyricinoleate, Sorbitan isostearate, Distardimonium Hectorite	5.0	5.0
B	CERAPLEX MIX	Polyglyceryl-4 Isostearate, Caprylic/Capric Triglyceride, Distardimonium Hectorite, Ceramide NP, Hydroxypropyl Bispalmitamide MEA, Phytosterols, Stearic Acid	-	5.0
C	1,3-B.G.	Butylene Glycol	3.0	3.0
	NaCl	Sodium Chloride	1.0	1.0
	D.I.Water	Water	23.4	23.4
D	Sensiva SC50	Ethylhexylglycerin	0.1	0.1
	1,2-Hexanediol	1,2-Hexanediol	1.0	1.0
	Fragrance	Fragrance	0.1	0.1



## Part 3. O/W Sun Care Proposal

### Mineral



# Mineral Only Sun Cream



# Mineral Only Sun Cream

## SJF-2333\_1\_O/W Mineral Only Sun Cream SPF50+ PA++++

### Commercialized Mineral Only Tone-up

In vivo tested  
at 3<sup>rd</sup> party clinic:  
SPF 54.2  
PA 19.8

Stability test at 50°C:  
4 weeks

Transparency  
by white index:  
27.3

Viscosity (LV3, 12rpm):  
25,400 cPs



	Ingredients	INCI Name	2333_1
A	D.I Water	Water	26.8
	EDTA-2Na	Disodium EDTA	0.1
	Keltrol F V	Xanthan Gum	0.1
	2,3-Butanediol H90	2,3-Butanediol	3.0
	Glycerin	Glycerin	2.0
	1,2-Hexanediol	1,2-Hexanediol	1.0
	Sensiva SC 50	Ethylhexylglycerin	0.1
	SEPINOV EMT-10	Hydroxyethyl Acrylate, Sodium Acryloyldimethyl Taurate Copolymer	0.2
	SEPIMAX ZEN	Polyacrylate Crosspolymer-6	0.3
B	SUNCLEAR-Z50(K)	Zinc Oxide, Triethoxycaprylylsilane, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid	25.0
	Z65M	Zinc Oxide, Caprylic/Capric Triglyceride, Polyhydroxystearic Acid, Triethoxycaprylylsilane	19.5
	GMS-105	Glyceryl Stearate	1.0
	TEGOCARE PBS 6	Polyglyceryl-6 Stearate, Polyglyceryl-6 Behenate	2.5
	Tween 60	Polysorbate 60	2.0
	Cetiol CC	Dicaprylyl Carbonate	1.0
C	TXD55-AQ	Titanium Dioxide, Silica, Dimethicone, Water, Butylene Glycol, Polysorbate 60, Oleth-10, 1,2-Hexanediol	7.0
	2,3-Butanediol H90	2,3-Butanediol	2.5
D	Simulgel EG	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Isohexadecane, Polysorbate 80	0.8
E	Fragrance	Fragrance	0.2
	HerbEx Centella Extract	Centella Asiatica Extract	5.0

## Part 4. O/W Sun Care Proposal

### Chemical UV Filters



# Light Fit Sun Gel & Power Fit Sun Lotion

## Ethanol Free

In vivo tested  
at SUNJIN clinic:  
SPF 57.3  
PA 18.3

Stability test at 50°C:  
4 weeks

Transparency  
by white index:  
5.3

Viscosity (LV3, 12rpm):  
Gel: 14,720 cPs  
Lotion: 39,000 cPs



## SJF-2330\_Light Fit Sun Gel SPF50+ PA++++

	Ingredients	INCI Name	Gel	Lotion
A	D.I.Water	Water	54.0	58.45
	PEMULEN TR-1	Acrylates/ C10-30 Alkyl Acrylate Crosspolymer	0.3	-
	CARBOPOL 940	Carbomer	0.1	-
	Aristoflex BLV	Ammonium Acryloyldimethyltaurate/Beheneth-25 Methacrylate Crosspolymer	0.2	-
	Sepimax Zen	Polyacrylate Crosspolymer-6	-	0.25
	SEPINOV EMT-10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	-	0.2
	AQUA PHYTOPLEX	Glycerin, Limnanthes alba (Meadowfoam) Seed Oil, Canola Oil, Helianthus Annuus (Sunflower) Seed Oil, Argania Spinosa Kernel Oil, Polyglyceryl-10 Stearate	1.0	1.0
B	SUNBEMT-S	Bis-ethylhexyloxyphenol Methoxyphenyl Triazine	2.0	2.0
	PARSOL 340	Octocrylene	2.0	2.0
	PARSOL EHS	Ethylhexyl Salicylate	5.0	5.0
	PARSOL MCX	Ethylhexyl Methoxycinnamate	3.5	3.5
	NEOHELLIOPAN E-1000	Isoamyl p-Methoxycinnamate	4.0	4.0
	Rheodol TW-S120V	Polysorbate 60	0.1	1.5
	RHEODOL MS-165V	Glyceryl Stearate, PEG-100 Stearate	-	0.9
	GMS 105	Glyceryl Stearate	-	0.9
	Lanette O	Cetearyl Alcohol	-	1.5
C	HYBRID AE	Polymethyl Methacrylate, Butyl methoxydibenzoylmethane, Ethylhexyl Triazone	10.0	10.0
	Propandiol	Propandiol	5.0	5.0
	1,3-BG	Butylene Glycol	8.0	2.0
D	Hexanediol	Hexandiol	1.5	1.5
	SENSIVA SC 50	Ethylhexylglycerin	0.1	0.1
E	Tromethamine	Tromethamine	0.2	-
	D.I.Water	Water	3.0	-
F	SIMULGEL EG	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Isohexadecane, Polysorbate 80	-	0.2

# Cloud Sun Serum

## Visual texture

In vivo tested  
at 3<sup>rd</sup> party clinic:  
SPF 57.3  
PA 18.3

Stability test at 50°C:  
4 weeks

Transparency  
by white index:

Viscosity (LV3, 12rpm):  
63,000 cPs



## UL018\_O/W Cloud Sun Serum

	Ingredients	INCI Name	UL018 240319D
A	D.I.Water	Water	54.5
	EDTA-2Na	Disodium EDTA	0.0
	Keltrol F V	Xanthan Gum	0.1
	Aristoflex BLV	Ammonium Acryloyldimethyltaurate/Beheneth-25 Methacrylate Crosspolymer	0.5
	Sepimax Zen	Polyacrylate Crosspolymer-6	0.2
	SEPINOV EMT-10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	0.2
	Eumulgin SG	Sodium Stearoyl Glutamate	0.3
B	SUNBEMT-S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2.0
	PARSOL 340	Octocrylene	2.0
	PARSOL EHS	Ethylhexyl Salicylate	5.0
	PARSOL MCX	Ethylhexyl Methoxycinnamate	3.5
	NEOHELLIOPAN E-1000	Isoamyl p-Methoxycinnamate	4.0
	Serasnow SW74	Cetyl Dimethicone	0.5
	Dextrin palmitate	Dextrin palmitate	0.4
	Wondergel GP	Dibutyl Lauroyl Glutamide	0.1
	Wondergel EB	Dibutyl Ethylhexanoyl Glutamide	0.1
	SUNPMMA-COCO170	Methyl Methacrylate Crosspolymer	2.5
	Blue Color	Blue Color	0.2
C	HYBRID AE	Polymethyl Methacrylate, Butyl Methoxydibenzoylmethane, Ethylhexyl Triazone	10.0
	Propandiol	Propandiol	3.0
	1,3-BG	Butylene glycol	4.0
	D.I.Water	Water	5.0
	Hexanediol	1,2-Hexandiol	1.5
	SENSIVA SC 50	Ethylhexylglycerin	0.1



## Part 5. O/W Sun Care Proposal

### Mixed UV Filters



# Invisible Daily Sun Cream

## UL2700 \_ O/W Invisible Daily Sun Cream SPF50+ PA++++

In vivo SPF 50 **53.3**  
 In vivo PA 13.91 **17.4**

**OMC Free, Reef-safe  
 UV Capsule used**

In vivo tested  
 at 3rd party clinic:  
 SPF 53.3 / PA 17.4

Stability test at 50°C:  
 4 week

Viscosity (LV3, 12rpm):  
 46400 cPs



	Ingredients	INCI Name	SUNBEMT-S	SUNSIL-S
A	D.I. WATER	Water	43.65	43.65
	Keltrol F V	Xanthan Gum	0.05	0.05
	1,3-BG	Butylene Glycol	1.00	1.00
	Sepimax ZEN	Polyacrylate Crosspolymer-6	0.15	0.15
	SEPINOV EMT-10	Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	0.15	0.15
	Eumulgin SG	Sodium Stearoyl Glutamate	0.50	0.50
B	TEGOCARE 450	Polyglyceryl-6 Stearate, Polyglyceryl-6 Behenate	2.50	2.50
	GMS-105	Glyceryl Stearate	0.50	0.50
	Rheodol AS-10V	Sorbitan Stearate	0.50	0.50
	LANETTE O	Cetearyl Alcohol	1.20	1.20
	SUNBEMT-S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2.4	-
	Parsol HMS	Homosalate	7.00	7.00
	Parsol EHS	Ethylhexyl Salicylate	4.50	4.50
	SUNBOS	Butyloctyl Salicylate	7.00	7.00
	TXD60-AB	Titanium Dioxide, Silica, Dimethicone, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid	12.00	12.00
SF1000N-6cst	Dimethicone	1.50	1.50	
C	SUNSIL-S	Silica, Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	-	8.0
	1,3-BG	Butylene Glycol	4.00	4.00
	1,2-Hexanediol	1,2-Hexanediol	1.00	1.00
	Sensiva SC50	Ethylhexylglycerin	0.10	0.10
	AQUA PHYTOPLEX	Glycerin, Limnanthes Alba (Meadowfoam) Seed Oil, Canola Oil, Helianthus Annuus (Sunflower) Seed Oil, Argania Spinosa Kernel Oil, Polyglyceryl-10 Stearate	1.00	1.00
	Water	Water	3.00	3.00
	SIMULGEL EPG	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Polyisobutene, Caprylyl/Capryl Glucoside	0.70	0.70

# OMC-free Daily Sun Cream

## UL1400 240103 \_OMC-free Daily Sun Cream SPF50+ PA++++

OMC Free, Reef-safe

In vivo tested  
at SUNJIN clinic:  
SPF 54.0  
PA 16.8

Stability test at 50°C:  
4 weeks

Transparency  
by white index:

Viscosity (LV3, 12rpm):  
48,400 cPs



	Ingredients	INCI Name	Yellow	Blue	Green
A	D.I. Water	Water	51.4	51.3	51.1
	GLYCERIN	Glycerin	3.0	3.0	3.0
	Aristoflex AVC	Ammonium Acryloyldimethyltaurate/VP Copolymer	0.3	0.3	0.3
B	TEGOCARE PBS 6	Polyglyceryl-6 Stearate, Polyglyceryl-6 Behenate	3.0	3.0	3.0
	GMS-105	Glyceryl Stearate	0.5	0.5	0.5
	LANETTE 16	Cetyl Alcohol	1.2	1.2	1.2
	LANETTE O	Cetearyl Alcohol	1.0	1.0	1.0
	Parsol HMS	Homosalate	7.0	7.0	7.0
	Parsol EHS	Ethylhexyl Salicylate	4.5	4.5	4.5
	SUNBEMT-S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	5.0	5.0	5.0
	SUNBOS	Butyloctyl Salicylate	7.0	7.0	7.0
	Cetiol A	Hexyl Laurate	2.0	2.0	2.0
	TXD60-AB	Titanium Dioxide, Silica, Dimethicone, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid	12.0	12.0	12.0
	SUNSIL-LUX130	Silica	0.5	0.5	0.5
C	SIMULGEL EPG	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Polyisobutene, Caprylyl/Capryl Glucoside	0.3	0.3	0.3
	1,2-Hexanediol	1,2-Hexanediol	1.0	1.0	1.0
	Sensiva SC50	Ethylhexylglycerin	0.1	0.1	0.1
D	Aqua Phytoplex	Glycerin, LimnanthesAlba(Meadowfoam) Seed Oil, Canola Oil, Helianthus Annuus(Sunflower) Seed Oil, ArganiaSpinosaKernel Oil, Polyglyceryl-10 Stearate	1.0	1.0	1.0
	Blue Color			0.1	
	Green Color				0.3

## 5. Sun stick proposal



# Cool Watery Touch Essence Sun Balm

Cool Watery Touch Essence Sun Balm SPF50+ PA++++



# Cool Watery Touch Essence Sun Balm

## SJF-2231 Cool Watery Touch Essence Sun Balm SPF50 PA++++

### Commercialized

In vivo tested  
at 3<sup>rd</sup> party clinic:

**SPF 53.3**

**PA 18.8**

Water Content  
**24.2%**

Hardness:  
**244 gf**



	Ingredients	INCI Name	%
A	Univul A Plus	Diethylamino Hydroxybenzoyl Hexyl Benzoate	4.0
	SUNBEMT-S	Bis-ethylhexyloxyphenol Methoxyphenyl Triazine	3.0
	Parsol MCX	Ethylhexyl Methoxycinnamate	7.0
	Parsol EHS	Ethylhexyl Salicylate	4.5
	Cetiol B	Dibutyl Adipate	10.0
	Cetiol Ultimate	Undecane, Tridecane	8.0
B	Ozokerite Wax SP1020P	Ozokerite	9.0
	Phytowax Olive 12L 57	Hydrogenated Olive Oil Stearyl Esters	3.0
	Performa SW 88 Synthetic Wax	Synthetic Wax	7.5
C	MLB-Polar	Disteardimonium Hectorite, Dicaprylyl carbonate, Polyglyceryl-6 Polyhydroxystearate, Polyglyceryl-6 Polyricinoleate, Polyglycerin-6	4.5
	TPD40-AB	Titanium Dioxide, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid, Alumina, Aluminum Stearate	7.0
	CERAPLEX MIX	Polyglyceryl-4 Isostearate, Caprylic/Capric Triglyceride, Disteardimonium Hectorite, Ceramide NP, Hydroxypropyl Bispalmitamide MEA, Phytosterols, Stearic Acid	0.1
D	SUNSIL-130L	Silica	3.0
E	EDTA-2Na	Disodium EDTA	0.05
	NaCl	NaCl	0.5
	D.I.Water	Water	24.2
	1,3-BG	1,3-Butylene Glycol	4.0
F	1,2-Hexanediol	1,2-Hexanediol	0.5
	Sensiva SC50	Ethylhexylglycerin	0.05

# Light Touch Sun Stick

Light Touch Sun Stick SPF50+ PA++++



# Light Touch Sun Stick

## SJF-2032\_Light Touch Sun Stick SPF50+ PA++++

Micro Plastic Free

In vivo tested  
at 3<sup>rd</sup> party clinic:

**SPF 53.3**

**PA 18.8**

1 Phase Only  
(Oil Phase)

Hardness:  
**329 gf**



	Ingredients	INCI Name	%
A	SF1000N-6cst	Dimethicone	20.0
	Bergacare EM-CO	Cetyl Ethylhexanoate	10.0
	Hemi-Squalane	C <sub>13-16</sub> Isoparaffin	9.8
	Tocopheryl Acetate	Tocopheryl acetate	0.3
	TPD40-AB	Titanium Dioxide, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid, Alumina, Aluminum Stearate	7.0
	Parsol MCX	Ethylhexyl Methoxycinnamate	7.0
	Parsol EHS	Ethylhexyl Salicylate	4.5
	Uvinul A Plus	Diethylamino Hydroxybenzoyl Hexyl Benzoate	5.0
	SUNBEMT-S	Bis-ethylhexyloxyphenol Methoxyphenyl Triazine	4.0
	Performalene PL	Polyethylene	9.0
	Ceresin #810	Ceresin	1.5
	Ozokerite Wax SP1020P	Ozokerite	3.7
	Bergacare SB	Shea Butter	1.0
B	SUNSIL-150H	Silica	11.0
	SUNSIL-SILK	Silica, Trihydroxystearin	6.0
C	Fragrance	Fragrance	0.2



# W/O ZnO Only Sun Stick

## SJF-2034\_W/O ZnO Only Sun Stick SPF34 PA+++

In vivo tested  
at SUNJIN clinic:  
**SPF 34.29**  
**PA 12.10**

Water Content  
**>31.9%**

Hardness:  
**110 gf**



	Ingredients	INCI Name	%
A	MLB	Polyglyceryl-4 Isostearate, Coco-Caprylate/Caprates, Polyglyceryl-3 polyricinoleate, Sorbitan isostearate, Distearidimonium Hectorite	3.0
	Bergacare EM-CO	Cetyl Ethylhexanoate	5.3
	RADIA 7207	Propylene glycol dicaprylate/dicaprate	4.3
	OLEO-Z75C5C	Zinc Oxide, Cetyl Alcohol, Coco-Caprylate/Caprates, Polyglyceryl-6 Polyhydroxystearate, Polyglyceryl-6 Polyricinoleate	34.4
B	Ozokerite Wax SP1020P	Ozokerite	11.0
	Phytowax Olive 12L 44	Hydrogenated Lauryl Olive Esters	5.0
C	EDTA-2Na	Disodium EDTA	0.1
	Glycerin	Glycerin	1.0
	Greendiol	2,3-Butanediol	1.0
	1,2-Hexanediol	1,2-Hexanediol	1.0
	Sensiva SC50	Ethylhexylglycerin	0.05
	AQUA PHYTOPLEX	Glycerin, Limnanthes alba (Meadowfoam) Seed Oil, Canola Oil, Helianthus Annuus (Sunflower) Seed Oil, Argania Spinosa Kernel Oil, Polyglyceryl-10 Stearate	2.0
	D.I.Water	Water	31.8