Lightweight Moisturizing Gel with Inositol

【Characteristic】

Moisturizing gel containing Ri:bra® Inositol, a water-soluble rice bran-derived ingredient that activates skin cells.
It reduces the stickiness and provides a feeling of long-lasting moisture even after application.

【Formulation】

Formulation No.
GE-001

No.	Ingredient	INCI	Composition		Function
			add	control	
①	Purified Water	Water	75.45	76.45	Base Material
②	1,3-BG	Butylene Glycol	7	7	Moisturizer
③	Glycerin	Glycerin	5	5	Moisturizer
④	Diglycerin	Diglycerin	1	1	Moisturizer
⑤	Methylparaben	Methylparaben	0.2	0.2	Preservative
⑥	**Ri:bra® Inositol**	**Inositol**	**1**	**—**	**Functional component**
⑦	HIVISWAKO 104 (2% solution)	Water, Carbomer	10	10	Thickener
⑧	Sodium Hydroxide (10% solution)	Water, Sodium Hydroxide	0.35	0.35	pH adjuster, viscosity modifier

【Properties】

Color : Clear
pH : 5.5 ~ 6.0

【Procedure】

(1) Mix ①-⑥ at 80℃
(2) Add ⑦ to (1)
(3) Add ⑧ to (2) and neutralize with a homo mixer for about 5 minutes at 80℃

Ver.1.0
2023.5.29

Riceterol Esters Serum

☑Effective in Human

【Characteristic】

Ri:bra® Riceterol Esters is an anti-aging ingredient derived from rice bran that promotes skin recovery and provides anti-wrinkle effects.
It forms oil film, improves skin feel by reduced skin friction, and enhances skin barrier function.

【Formulation】

Formulation NO.
Es-001

No.	Ingredient	INCI	Composition		Function
			Add	Control	
①	Purified Water	Water	Up to 100	Up to 100	Base Material
②	1,3-BG	Butylene Glycol	8	8	Moisturizer
③	Glycerin	Glycerin	5	5	Moisturizer
④	Methylparaben	Methylparaben	0.2	0.2	Preservative
⑤	HIVISWAKO 104 (2% solution)	Water, Carbomer	10	10	Thickener
⑥	Sodium Hydroxide (10% solution)	Water, Sodium Hydroxide	0.25	0.25	pH adjuster, viscosity modifier
⑦	**Ri:bra® Riceterol Esters**	**Phytosteryl Rice Branate**	**1**	**—**	**Functional component**
⑧	EXCEPARL TGO	Triethylhexanoin	1	2	Oil-based
⑨	SUGARSQUALANE	Squalane	1	1	Oil-based
⑩	Lannete O	Cetearyl Alcohol	0.5	0.5	emulsion stabilizer
⑪	RHEODOL TW-L120	Polysorbate20	0.5	0.5	Emulsifier

【Properties】

Color : 【Add】white ~ yellowish white 【Control】white
pH : 6.5

【Procedure】

(1) Dissolve ② ~ ④ at 80 ℃ and mix with appropriate amount of ①
(2) Add ⑤ to (1)
(3) Add ⑥ to (2) and heat at 80℃
(4) Dissolve ⑦ to ⑪ at 80℃.
(5) Add (4) to (3) and emulsify with a homo mixer for about 5 minutes at 80℃.
(6) Cool down to 30℃, and add ① to adjust to the final volume.

Ver.1.0
2022.9.5

Rince-off Micro Peeling Gel with RICELN®-100

TSUNO

☑Clinical Trialed

【Characteristic】

A rinse-off micro peeling gel containing RICELN®-100, a moisturizing and chelating ingredient derived from rice bran.
The natural organic acid stimulates turnover, suppresses sebum, and improves acne problems and elasticity.

【Formulation】

Formulation NO.
PE-001-2

No.	Ingredient	INCI	Composition	Function
①	Purified Water	Water	Up to 100	Base Material
②	1,3-BG	Butylene Glycol	10	Moisturizer
③	Glycerin	Glycerin	3	Moisturizer
④	Methylparaben	Methylparaben	0.2	Preservative
⑤	Citric Acid	Citric Acid	q.s.	pH adjuster
⑥	**RICELN®-100**	**Sodium phytate**	**3.7**	**Functional component**
⑦	Aristoflex AVC	Ammonium Acryloyldimethyltaurate/VP Copolymer, t-Butyl Alcohol, Water	2	Emulsion thickener
⑧	Sugar Squalane	Squalane	2	Oil-based

【Properties】

Color : White～Light yellow
pH : 4.0 ~ 4.5

【Procedure】

(1) Dissolve appropriate amounts of ① and ② ~ ⑥ at 80℃.
(2) Add ⑦ to (1) and dissolve.
(3) Add ⑧ to (1) and emulsify with a homo mixer for about 5 minutes.
(4) Add ① and adjust to the final volume.

Ver.1.0
2025.5.1

Non-Chemical UV Cream with Rice Germ Oil GX-N

【Characteristic】

By adding "Ri:bra® Rice Germ Oil GX-N", Rice oil with high γ-oryzanol content unique to brown rice, to improve the SPF of non-chemical UV creams.

【Formulation】

Formulation NO.
UV-001-1

No.	Ingredient	INCI	Composition		Function
			Add	Control	
①	Purified water	Water	30.7	30.7	Base material
②	1,3-BG	Butylene Glycol	12	12	Moisturizer
③	Glycerin	Glycerin	3	3	Moisturizer
④	Aristoflex AVC (2% sol.)	Ammonium Acryloyldimethyltaurate/VP Copolymer, t-Butyl Alcohol, Water	15	15	Thickener
⑤	NIKKOL Decaglyn 1-SV	Polyglyceryl-10 Stearate	1.5	1.5	Emulsifier
⑥	RHEODOL TW-L120	Polysorbate 20	0.5	0.5	Emulsifier
⑦	Phenoxetol	Phenoxyethanol	0.3	0.3	Preservative
⑧	DIF-AB-33W	Zinc Oxide, Hydrated Silica, Hydrogen Dimethicone, Water, Butylene Glycol, PEG-9 Dimethicone	14	14	UV scattering agent
⑨	DIS-AB-10W	Titanium Dioxide, Hydrated Silica, Hydrogen Dimethicone, Water, Butylene Glycol, PEG-9 Dimethicone	7	7	UV scattering agent
⑩	NIKKOL MGS-BSEV	Glyceryl Stearate SE	1	1	Emulsifier
⑪	EXCEPARL TGO	Triethylhexanoin	9.5	14.5	Oil-based
⑫	Lanette 18	Stearyl Alcohol	0.5	0.5	Emulsion stabilizer
⑬	**Ri:bra® Rice Germ Oil GX-N**	**Oryza Sativa (Rice) Germ Oil**	5	0	SPF Booster

【Properties】

Color : 【Add】 Slight brown 【control】 White
pH : around 7.5

GX-N 0% SPF 22 PA +++
GX-N 5% SPF 46 PA +++
(in vitro)

【Procedure】

(1) Mix ① to ⑨ and heat to about 80˚C.
(2) Dissolve ⑩ to ⑬at about 80˚C.
(3) Add (2) to (1) and emulsify with a homo mixer for about 5 minutes.
(4) Cool to 45˚C or less.

Ver.1.1
2025.9.24

Hair milk with Ri:bra® Inositol

【Characteristic】

Uses 100% rice bran-derived RICE BRAN OIL as the base.
Contains Ri:bra® Inositol, a water-soluble hair care ingredient derived from rice bran.
Reduces damage to hair, leaving it moisturized and smooth.

【Formulation】

Formulation NO.
HMi-003

No.	Ingredient	INCI	Composition		Function
			Add	Control	
①	Purified Water	Water	70.1	71.1	Base Material
②	1, 3-BG	Butylene Glycol	10	10	Moisturizer
③	Glycerin	Glycerin	3	3	Moisturizer
④	Methylparaben	Methylparaben	0.2	0.2	Preservative
⑤	RHABALL GUM CG-M	Guar Hydroxypropyltrimonium Chloride	0.1	0.1	Antistatic agent
⑥	**Ri:bra® Inositol**	**Inositol**	**1**	**—**	**Functional component**
⑦	Citric Acid	Citric Acid	0.1	0.1	pH adjuster
⑧	Sodium citrate	Sodium Citrate	0.2	0.2	pH adjuster
⑨	Genamin STAC	Steartrimonium Chloride, Isopropyl Alcohol, Water	1.2	1.2	Antistatic agent
⑩	**RICE BRAN OIL**	**Oryza Sativa (Rice) Bran Oil**	**10**	**10**	**Oil-based**
⑪	NIKKOL MGS-BSEV	Glyceryl Stearate SE	0.1	0.1	Emulsifier
⑫	Lanette 22NF	Behenyl Alcohol	3	3	Emulsion stabilizer
⑬	KALCOL 6850	Cetearyl Alcohol	1	1	Emulsion stabilizer

【Properties】

Color : White
pH : around 4.5

【Procedure】

(1) Disperse ④, ⑤, ⑦, ⑧ with an appropriate amount of ②, mix with ① and ⑥, the remaining ② and ③, and dissolve at a high temperature while stirring.
(2) ⑨ is added to (1) and heated to dissolve while stirring.
(3) Add (1) to ⑩ through ⑬, which have been heated and dissolved. Emulsify with a homo mixer (2000-3000 rpm) for 5 minutes.
(4) Cool down to 45˚C

Ver.1.0
2025.9.24