GreenZn®

Where Green Meets Zenith

Product Catalogue

GREENZN CO., LTD.
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GreenZn®

ABOUT US

GreenZn was established through the merger of GreenDee and Zenithchem, combining green innovation with peak technical expertise.

With integrated R&D and in-house manufacturing capabilities, we develop and supply high-performance ingredients for personal care and color cosmetic applications worldwide.

OUR INGREDIENTS

- Multifunctional Actives
- Natural Oils
- Emulsifiers
- Humectants
- Functional Additives
- Color Cosmetics Ingredients
- Film Formers

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COLOR COSMETICS

GDPearl

- Uncoated materials *
- Coated materials
- Single layer coated
- Multi layers coated

Titanium Dioxide	Silicone Resin Powder
Mica	Hybrid Silicone Rubber Powder
Sericite	Boron Nitride
Synthetic Flourphlogopite	Bismuth Oxychloride

Titanium Dioxide ★

Trade Name	INCI	Particle Size/nm	Dispersion
GDPearl TI-903	CI 77891, Aluminum Hydroxide	280-300	Water/Oil dispersed
GDPearl KT-100 *	CI 77891	350-400	Water dispersed
GDPearl TI-09DM *	CI 77891, Aluminum Hydroxide, Dimethicone	220-280	Oil dispersed
GDPearl KT-620AS	CI 77891, Aluminum Hydroxide, Triethoxycaprylylsilane	280	Oil dispersed
GDPearl CR-50AS *	CI 77891, Aluminum Hydroxide, Triethoxycaprylylsilane	250	Oil dispersed
GDPearl CR-50SA	CI 77891, Aluminum Hydroxide, Stearic Acid	250	Oil dispersed
GDPearl CR-50ASW	CI 77891, Aluminum Hydroxide, Triethoxycaprylylsilane, Polymethylsilsesquioxane	250	Oil dispersed
GDPearl CR-50ASM *	CI 77891, Aluminum Hydroxide, Triethoxycaprylylsilane, β-glucan	250	Oil dispersed
GDPearl CR-50LL	CI 77891, Aluminum Hydroxide, Lauroyl Lysinev	250	Oil dispersed
GDPearl CR-50TMS *	CI 77891, Aluminum Hydroxide, Trimethylsiloxysilicate	250	Oil dispersed
GDPearl TR-586AS *	CI 77891, Aluminum Hydroxide, Triethoxycaprylylsilane	280-300	Oil dispersed
GDPearl TR-586AS-LL-MQ-ITT *	CI 77891, Aluminum Hydroxide, Triethoxycaprylylsilane, Lauroyl Lysine, Trimethylsiloxysilicate, Isopropyl Titanium Triisostearate	280-300	Oil dispersed

Note: ★ Halal application in progress * Flagship product

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COLOR COSMETICS

Mica ★

Trade Name	INCI	Particle Size/μm	Dispersion
GDPearl NM 06SA	Mica, Synthetic Fluorphlogopite, Stearic Acid	5-7	Oil dispersed
GDPearl NM 06AS	Mica, Synthetic Fluorphlogopite, Triethoxycaprylylsilane	5-7	Oil dispersed
GDPearl NM 06MT	Mica, Synthetic Fluorphlogopite, Methicone	5-7	Oil dispersed
GDPearl NM 06LL	Mica, Synthetic Fluorphlogopite, Lauroyl Lysine	5-7	Oil dispersed

Sericite ★

Trade Name	INCI	Particle Size/μm	Dispersion
GDPearl EM 10 *	Mica	8-10	Water/Oil dispersed
GDPearl EM 08 *	Mica	6-8	Water/Oil dispersed
GDPearl EM 05 *	Mica	4.5-5.5	Water/Oil dispersed
GDPearl EM 10AS	Mica, Triethoxycaprylylsilane	9-12	Oil dispersed
GDPearl EM 08AS	Mica, Triethoxycaprylylsilane	7-9	Oil dispersed
GDPearl EM 05LL	Mica, Lauroyl Lysine	5-6	Oil dispersed

Synthetic Fluorphlogopite ★

Trade Name	INCI	Particle Size/μm	Dispersion
GDPearl SM 08 *	Synthetic Fluorphlogopite	7-9	Water/Oil dispersed
GDPearl SM 05 *	Synthetic Fluorphlogopite	3-5	Water/Oil dispersed
GDPearl SM 05AS *	Synthetic Fluorphlogopite, Triethoxycaprylylsilane	3-5	Oil dispersed
GDPearl SM 08AS	Synthetic Fluorphlogopite, Triethoxycaprylylsilane	7-9	Oil dispersed
GDPearl SM 08MM	Synthetic Fluorphlogopite, Magnesium Myristate	7-9	Oil dispersed
GDPearl SM 25AS	Synthetic Fluorphlogopite, Triethoxycaprylylsilane	20-25	Oil dispersed
GDPearl SM 25MM	Synthetic Fluorphlogopite, Magnesium Myristate	20-25	Oil dispersed

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Hybird Silicone Rubber Powders

Trade Name	INCI	Particle Size/μm	Dispersion
GDPearl SI 006L	Dimethicone/Vinyl Dimethicone Crosspolymer	20	Oil dispersed
GDPearl SI 008	Dimethicone/Vinyl Dimethicone Crosspolymer, Silica	8	Oil dispersed
GDPearl SI 012	Dimethicone/Vinyl Dimethicone Crosspolymer, Silica	12	Oil dispersed
GDPearl SI 850	Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	8-12	Oil dispersed

Boron Nitride

Trade Name	INCI	Particle Size/μm	Dispersion
GDPearl BN 3040 *	Boron Nitride	30-40	Oil dispersed
GDPearl BN 06 *	Boron Nitride	5-7	Oil dispersed
GDPearl BN 10 *	Boron Nitride	9-11	Oil dispersed
GDPearl BN 15 *	Boron Nitride	14-16	Oil dispersed

Bismuth Oxychloride ★

Trade Name	INCI	Particle Size/μm	Dispersion
GDPearl BI 04H *	Bismuth Oxychloride	4	Water/Oil dispersed
GDPearl BI 04L *	Bismuth Oxychloride	4	Water/Oil dispersed
GDPearl YB-L 30DM	Bismuth Oxychloride, Dimethicone	9-11	Oil dispersed

Silicone Resin Powders

Trade Name	INCI	Particle Size/μm	Oil Absorption mL/100g	Dispersion
GDPearl PQ 03 *	Polymethylsilsesquioxane	2.5-4.5	65	Oil dispersed
GDPearl PQ 05 *	Polymethylsilsesquioxane	4.5	65	Oil dispersed
GDPearl PSQ *	Polymethylsilsesquioxane	5-8	64	Oil dispersed

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Silicone Resin Film Formers ★

Trade Name	INCI	Appearance	Viscosity /mPa·s
GDResin 860C	Trimethylsiloxysilicate, Dimethicone	Liquid	500~1,500
GDResin 102	Trimethylsiloxysilicate	Powder	-
GDResin 102A	Trimethylsiloxysilicate	Liquid	1,000
GDResin 1640	Trimethylsiloxysilicate, Polypropylsilsesquioxane	Powder	-
GDResin EB-200 *	Bis-Hydroxyethoxypropyl Dimethicone/Ipdi Copolymer Ethylcarbamate, Dimethicone, Trimethylsiloxysilicate	Liquid	4,000~200,000
GDResin AuqaFuse PG *	Acrylates/octylacrylamide Copolymer, Polyurethane-1, Octyldodecanol, Pentylene Glycol	Liquid	1000-3000

Silicone Oil ★

Trade Name	INCI	Appearance	Refractive index(25°C)	Viscosity mm^2/s (25°C)	Flash point / °C
GDSoft 556	Phenyl Trimethicone	Colorless and transparent liquid	1.4580~1.4700	15~30	> 110
GDSoft 1000	Trimethylsiloxyphenyl Dimethicone	Transparent or pale yellow liquid	1.4580~1.4680	900~1,100	> 290
GDSoft 1555	Trimethyl Pentaphenyl Trisiloxane	Transparent or pale yellow liquid	1.5740~1.5800	170~180	> 240

Silicone Elastomer Gel

Trade Name	INCI	Appearance	Solid content(%)	Viscosity mm^2/s (25°C)
GDSoft 328 ★	Dimethicone/Vinyl Dimethicone Crosspolymer, Water, Glycerin, Polysorbate 60, Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, 1,2-Hexanediol, Hydroxyacetophenone	Milky white gel	46~52	6,000~25,000
GDSoft 721	Dimethicone/Vinyl Dimethicone Crosspolymer, Dimethicone	Semitransparent gel	25~35	100,000~300,000

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Actives

Trade Name	INCI	Function	Use dosage
ZeniVital CBF ★	Candida Bombicola/glucose/Methyl Rapeseedate ferment	Emulsifying, improve skin conditioning, decrease irritation	leave-on: 0.5-5% Rinse-off: 1%-10%
ZeniVital VC-IP	Ascorbyl Tetraisopalmitate	Vitamin C derivative, brightening, reduce free radicals, Anti-aging,	1%-10%
ZeniVital SAF	Sophora Augustifolia Flavescent	Anti-inflammatory, Antibacterial,Promotes hair growth, anti-loss	0.1%-2%
ZeniVital PL-L ★	Poly-ε-Lysine, Phenylpropanamide Benzoic Acid, Butylene Glycol, Arginine, Water	Excellent water solubility, strong antibacterial efficacy	0.5%-2.2%
ZeniActive UP ★	Undecylenoyl Phenylalanine	Whitening agent with unique molecular structure, inhibiting tyrosinase activity; Low concentration effective, chemical stability.	0.2%-2%
ZeniActive HEPES ★	Hyldroethylpiperazine Ethane, Sulfonic Acid	Buffering Agent, exfoliant, improves formulation stability	Leave-on: 0.01%-10% Rinse-off: 0.01%-5%
ZeniVital L-galactose * ★	Beta-Glucan, Butylene Glycol, Hydroxyacetophenone, 1,2-Hexanediol, Water	Wound healing, barrier repair, anti-photoaging.	0.5-5%
GDActive Conopeptide-L * ★	Arginine/lysine Polypetide, Water, Pentylene Glycol, Hexylene Glycol, Ethylhexylglycerin	100% natural biodegradable, smooth expression lines, anti-aging	1%-10%
GDActive Liqcrystal-NP03-II	Water, Glycerin, Squalane, Caprylic/Capric Triglyceride, Ceramide Np, Cetearyl Alcohol, Glyceryl Stearate, Polyglyceryl-10 Distearate, Sodium Chloride, Hydroxyacetophenone, 1,2-Hexanediol	High solubility & stability Skin-mimicking structure Enhanced penetration & Hydration, Broad application potential	0.5%-5%
GDActive CICA 20 * ★	Centella Asiatica Extract, Hydroxypropyl Cyclodextrin	Promote collagen synthesis in the skin Relaxation and inhibition of inflammation Antioxidant & Antiglycation	0.1%-2%
GDActive CICA 90 * ★	Madecassoside, Centella Asiatica Extract	Promote collagen synthesis in the skin Relaxation and inhibition of inflammation Antioxidant & Antiglycation	0.05-1%

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PERSONAL CARE

Natural Oils ★

Trade Name	INCI	Function	Use dosage
ZeniOil CER101 *	Cyperus Esculentus Roots Oil	Moisturizing, anti-aging, nourishing and healing, Hair care	1%-90%
ZeniOil SSO	Silybum Marianum Seed Oil, Silybin	Anti-aging, anti-inflammatory, nourishing and regeneration	0.5%-8%

Humectants ★

Trade Name	INCI	Function	Use dosage
ZeniHydro L	Hydroxyethyl Urea, Water	long-lasting and effective hydration scalp hydration, repairing cuticles	1%-10%
ZeniHydro P	Hydroxyethyl Urea	long-lasting and effective hydration scalp hydration, repairing cuticles	0.5%-5%

Emulsifiers ★

Trade Name	INCI	Function	Use dosage
Z-Emuslix PI-100F *	Isononyl Isononanoate, Silica, Cetearyl Alcohol, C20-22 Alkyl Phosphate, PEG-100 Stearate, Glyceryl Stearate,	High performance O/W emulsifier with smart technology, enhances formula stability, provides a smooth and luxurious feel, improve actives absorption	2%-5%
Z-Emuslix SW355	Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	W/Si, W/O emulsifying ability Low temperature operation Has good emulsifying ability for silicone oil and non-silicone oils A smooth and non-sticky skin feel	Main emulsifier: < 2.6%
Z-Emuslix D-10 *	Cocoamidopropyl Betaine, Aqua, Polyglyceryl-10 Laurate, Citric Acid	EO-free D-phase emulsifier with low dosage, low energy consumption, and broad oil compatibility	2.5-5.5%
Z-Emuslix GW10	PEG-10 Dimethicone	W/Si, W/O emulsifying ability Low temperature operation A smooth and non-sticky skin feel	Main emulsifier: 1%-4% Coemulsifier: 0.1%-1.5%

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