



Sun Care | Elegant Sun Care Solutions

UV rays are the leading cause of visible skin aging. Further, studies have shown the harmful effects of cumulative exposure over time. At TRI-K, we pride ourselves on offering innovative sun care solutions that protect skin from harmful UV radiation and increase the effectiveness of your sunscreen and daily wear formulations.

Post-Sun See also skin care – healing/soothing.

Damage Protection

Trade Name	Description	INCI	Use Level
Helioguard 365	Natural UVA-screening active to protect against daily effects of UV exposure and photo-aging.	Aqua/Water, Lecithin, Alcohol, Sodium Lactate, <i>Porphyra Umbilicalis</i> Extract, Phenoxyethanol	1 - 5%
PhytoCellTec Solar Vitis	Plant stem cell ingredient derived from grape skins that protects epidermal skin cells against UV damage.	<i>Vitis Vinifera</i> (Grape) Fruit Cell Extract, Isomalt, Lecithin, Sodium Benzoate, Aqua/Water	0.4 - 1%
SunActin	Prevents photoaging by protecting the skin against UV-induced stress.	<i>Helianthus Annuus</i> (Sunflower) Sprout Extract, Tocopherols, Glycerin, Lecithin, Phenoxyethanol, Aqua/Water	2 - 5%

Inorganic Sunscreen Dispersions

Trade Name	Description	INCI	Use Level
Solashield T-TN	Easy to use TiO ₂ dispersion which can create highly efficient sunscreen products with enhanced performance and better esthetics.	C12-15 Alkyl Benzoate, Titanium Dioxide, Polyglyceryl-3 Diisostearate, Aluminum Hydroxide, Stearic Acid, Lecithin, Cetyl PEG/PPG-15/15 Butyl Ether Dimethicone	Up to 20%
Solashield Z-TN	Easy to use ZnO dispersion which can create highly efficient sunscreen products. Ideal for use in baby or sensitive skin care lines.	Zinc Oxide, C12-15 Alkyl Benzoate, Polyglyceryl-3 Diisostearate, Cetyl PEG/PPG-15/15 Butyl Ether Dimethicone, Triethoxycaprylylsilane	Up to 20%

Inorganic Sunscreens

Trade Name	Description	INCI	Use Level
TRISHield T-110	Hydrophobic grade TiO ₂ suitable for high SPF formulas in sun care and skin care.	Titanium Dioxide, Aluminum Hydroxide, Stearic Acid	Up to 25%
TRISHield T-150	Hydrophobic grade TiO ₂ with a high quality coating resulting in excellent dispersibility and stability in sun care and skin care formulas.	Titanium Dioxide, Aluminum Hydroxide, Stearic Acid	Up to 25%
TRISHield TW-210	Hydrophilic grade TiO ₂ with excellent dispersibility in water. Suitable for natural sun care and skin care formulas.	Titanium Dioxide, Silica	Up to 25%
TRISHield TS-510	Hydrophobic TiO ₂ with high quality coating positioned for products formulated with high level of silicones. Excellent for skin care and make-up with SPF claims.	Titanium Dioxide, Aluminum Hydroxide, Methicone	Up to 25%
TRISHield Z-500	Hydrophilic non-nano grade of ZnO powder with easy dispersion in water for high SPF sunscreens. Suitable for natural formulations and meets USP requirements.	Zinc Oxide	Up to 25%
TRISHield Z-400	Hydrophilic non-nano grade of ZnO powder with good transparency and compatibility with common organic sunscreens for high SPF formulas. Suitable for natural formulations and meets USP requirements.	Zinc Oxide	Up to 25%
TRISHield Z-250	Hydrophilic non-nano grade of ZnO powder with excellent transparency and compatibility with common organic sunscreens for high SPF formulas. Suitable for natural formulations and meets USP requirements.	Zinc Oxide	Up to 25%

SPF Boosting

Trade Name	Description	INCI	Use Level
LaraCare® A200	Natural enhancer for skin actives, has many skin care benefits including AHA skin exfoliation without irritation. ECOCERT certified.	Galactoarabinan	Emulsion Stability 0.25 - 0.5% Reduce Transepiderma Water Loss 1 - 2 % Pigment 0.1 - 0.5 %

Sunscreens

Trade Name	Description	INCI	Use Level
Galsorb OMC (HP)	Oil soluble UVB absorber for premium sun care preparations. Functional and effective, it is the most frequently used UV filter.	Ethylhexyl Methoxycinnamate Drug name: Octinoxate	Up to 7.5%*
Galsorb Avobenzone	Oil soluble UVA absorber. In combination with UVB absorbers, it offers broad spectrum protection against UV radiation.	Butyl Methoxydibenzoylmethane Drug name: Avobenzone	Up to 3%*
Galsorb Benzophenone-3	The backbone of many sunscreens and sun protection products, Benzophenone-3 offers UVB protection and also, absorption in the short UVA II region (320 - 342 nm).	Benzophenone-3 Drug name: Oxybenzone	Up to 6%*
Galsorb Benzophenone-4	Water soluble UVB absorber commonly used to protect formulations from degradation from UV exposure. In combination with UVA absorbers, it offers broad spectrum protection for skin and hair.	Benzophenone-4 Drug name: Sulisobenzone	Up to 10%*
Galsorb Octocrylene	Oil soluble UVB filter used together with UVA or additional UVB absorbers for the creation of effective sunscreen formulations.	Octocrylene Drug name: Octocrylene	Up to 10%*
Galsorb Octyl Salicylate	Oil soluble UVB absorber, often included in sunscreens for its antibacterial properties.	Ethylhexyl Salicylate Drug Name: Octisalate	Up to 5%*

*Based on US regulations. May differ by country.

Tanning

Trade Name	Description	INCI	Use Level
DHA	For sunless tanning products giving a natural looking tan without sun exposure.	Dihydroxyacetone	2 - 10%
MelanoBronze	Natural tanning activator boosts melanin production in skin even without sun exposure.	<i>Vitex Agnus Castus</i> Extract, Acetyl Tyrosine, Glycerin, Alcohol, Aqua/Water	1 - 5%

Waterproofing

Trade Name	Description	INCI	Use Level
Glossamer® L-6600	Natural polymer for skin, sun and hair care applications. Excellent film forming properties for moisturization, gloss and shine and water/wear resistance. NICNAS approved.	<i>Brassica Campestris/Aleurites Fordi</i> Oil Copolymer	1 - 10%

Visit www.tri-k.com to explore our complete solutions offering.

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