



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.

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%

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%

Organic Sunscreens

Trade Name	Description	INCI	Use Level
GalSORB Avobenzone	Oil soluble UVA absorber. In combination with UVB absorbers, it offers broad spectrum protection against UV radiation.	Butyl Methoxydibenzoylmethane	Up to 3%*
GalSORB Benzophenone-3	The backbone of many sunscreens & sun protection products, Benzophenone-3 offers UV-B protection and also, absorption in the short UVA II region (320-342 nm).	Benzophenone-3	Up to 6%*
GalSORB Benzophenone-4	Water soluble UV-B absorber commonly used to protect formulations from degradation from UV exposure. In combination with UV-A absorbers, it offers broad spectrum protection for skin & hair.	Benzophenone-4	Up to 10%*
GalSORB Octocrylene	Oil soluble UV-B filter used together with UV-A or additional UV-B absorbers for the creation of effective sunscreen formulations.	Octocrylene	Up to 10%*
Galaxy 2932	Oil soluble UV-B absorber for premium sun care preparations. Functional and effective, it is the most frequently used UV-filter.	Ethylhexyl Methoxycinnamate	Up to 7.5%*

*Based on US regulations. May differ by country.

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

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