

UV FILTERS & SPF BOOSTER & FILM FORMING

UV FILTER	
ZINC CLEAR	PEG-40/PPG-8 Methylaminopropyl/Hydropropyl Dimethicone Copolymer
Properties	provide exceptional transparency on the skin from micron-sized zinc oxide, even at high usage levels. ZinClear products provide full-spectrum protection and four different dispersions are available, including two with ECOCERT approval. Can be formulated into beach wear, daily wear, color cosmetics, lip balms and other applications where UV protection is needed. Outstanding skin transparency Full-spectrum (UVA/UVB) protection
TEQSOL AB	Butyl Methoxydibenzolymethane/Avobenzone
Properties	combined with recognized safe and effective UV-B filters, provides broad-spectrum protection in skin and sun-care preparations
TEQSOL OMC	Octyl Methoxycinnamate / Octinoxate
Properties	Its primary use is in sunscreens and other cosmetics to absorb UV-B and UV-A rays from the sun, protecting the skin from damage. It is also used to reduce the appearance of scars. used as sunblocks for skin care, suntan lotions and creams.
BENZOPHENONE 3	BENZOPHENONE 3
Properties	Used in sun protection and skin creams as a filter against light waves in the range of 270-350 nm. Primarily functions as a photostabilizer and sunscreen. As a "chemical" sunscreen agent, it protects the skin from harmful UV-A rays. By absorbing UV rays, it also helps prevent the integrity of other cosmetic ingredients from deteriorating under the sun
TEQSOL CRY	Octocrylene
Properties	is an organic compound used as an ingredient in sunscreens and cosmetics. Used in all types of skin care applications. Acts as a secondary UVB absorber for high-SPF formulas. Enhances performance of water-resistant formulas.
TEQSOL HMS	Homosalate
Properties	is a liquid UVB filter, oil soluble, with very good protection potential. Excellent dissolving properties for solid sunscreens. Photostabilizer due to brilliant photostability. Application include sun care, baby sun care, daily skin care and decorative cosmetic with sun protection.

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TEQSOL OS	Octyl Salicylate/Octisilate
Properties	Sunscreen agent. Protects skin primarily from sun's UVB rays. Used in cosmetic products.
BENZOPHENONE 4	BENZOPHENONE 4
Properties	Used in cosmetics and detergents as a filter against light waves in the range of 270-350 nm Used to protect both the formulation and substrate, Is substantive to skin and hair, Excellent skin protection against sunburn in aqueous based formulations. Reduce ageing effect of solar rays on skin and help prevent freckling. Used in sun tan lotions, and body creams for this purpose. As a stabilizer for shampoos and other aqueous based firmulations to prevent color fading.
TEQSOL HS	Phenylbenzimidazole Sulphonic Acid
Properties	is a common sunscreen agent. Phenylbenzimidazole sulfonic acid is primarily a UVB protecting agent providing only minimal UVA protection. phenylbenzimidazole sulfonic acid is water-soluble, it has the characteristic of feeling lighter on skin

Improved Photostability and Higher SPF * and PFA ** Performance

POLYCRYLENE	Polyester-8
Properties	provide formulators with new ways to achieve photostable sunscreens and, for the first time, use the cost-effective combination of OMC and Avobenzene to achieve the highest levels of SPF and UVA performance.
SPECTRASOLV DMDA	Dimethyl Capramide
Properties	Acts as a multifunctional sunscreen solvent and SPF booster . It is more better solvent then alkyl benzoate.
HALLBRIGHT BHB	Butyloctyl Salicylate
Properties	patented multifunctional ingredient for sun care, skin care, and color cosmetics. It is effective as a sunscreen actives solvent and stabilizer, inorganic pigment wetter, emollient, moisturizer, and carrier. It increase solvency of Avobenzene.
SOLASTAY S1	Ethylhexyl Metoxycrylene
Properties	is a viscous yellow liquid that is incorporated into the oil phase of emulsions where it acts to prevent the photodegradation of light-sensitive ingredients including the UV filters Avobenzene and Octyl methoxycinnamate. SolaStay™ S1 imparts a light yellow color to emulsions and solutions.

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SPF Boosters with spreadability and dispersion

TEQOIL ESI	Tridecyl Salicylate
Properties	carries on the skin salicylic acid.it exhibits good performance in sunscreen formulations
SOLTERA BOOST	Methylcellulose
Properties	enhances the performance of inorganic sunscreen filters by increasing UVB and UVA protection. Doubles the SPF of inorganic sunscreen actives when used at 2%.Enables high SPF ratings using inorganic filters, with reduced formulation issues
SUNSPHERE POWDER	Styrene/Acrylates Copolymer
Properties	to boost the efficacy of UVA/UVB filters of formulations allows the formulator to use significantly less active to deliver the same level of SPF. As a result, potential irritation caused by the actives is reduced, and the formulator is able to create more aesthetically pleasing products.

FILM FORMING

TEQ AQF	Acrylates Copolymer Polymer
Properties	film forming polymer is developed specifically to provide water resistance to emulsion sunscreen systems. Water resistance performance and SPF retention is demonstrated using both in-vitro and in-vivo testing methodologies.
TEQCLEAR 200 V	Ethylenediamine/Hydrogenated Dimer Dilinoleate Copolymer Bis-Di-C14-18 Alkyl Amide
Properties	is a vegetable derived rheology modifier, water repellency agent and gloss enhancer for formulation with low-polarity organic liquids for cosmetic and personal care applications.Excellent water and sweat repellent in sunscreens, lotions and balms.