



**WHAT'S NEW
FOR YOUR
SUNSCREEN?**



**JARCHEM INNOVATIVE
INGREDIENTS**

Where Beautiful Things Begin...

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FUNCTION	PRODUCT	INCI Name	EFFECT	SIMILAR PRODUCTS	ADVANTAGE
Emollient – Improved Skin Feel	Jarplex™ SB-OE	Octyldodecyl Shea Butterate	Adds shine & lubricity with a velvety soft skin feel Improved Oxidative Stability and lighter feel vs. Shea Butter alone	Octyl 12-hydroxystearate	Nature based, moisturizing, light, protective, fast spreading and penetrating ester Not tacky, less greasy and excellent dispersant for both organic and inorganic sunscreen actives
Moisturizer & Anti-inflammatory	Jarplex™ SB10	Butyrospermum Parkii (Shea) Oil	Moisturizer for spray-on sunscreen Protection against sun and reduction of irritations such as dry/chapped skin and sunburn	Shea Butter	Melt point of 0°-10°C, stays completely liquid in cold temperatures High level of unsaponifiables Superb moisturizing qualities Natural Sun Protection Factor
Emulsifier, Emollient & Rheology Modifier	Jarplex™ SB-WD	Shea Butter Glycerides	Low HLB Surfactant	Glyceryl Stearate Glyceryl Oleate	Naturally Derived Shea functionality w/o greasy feel
	Jarplex™ CU-WD	Cupuaçu Butter Glycerides			Naturally Derived Highly beneficial for damaged skin
Emulsifier and Emollient	Jarplex™ IPS	Isopropyl Shea Butterate	Provides a nice and shiny coat without a greasy feel	Isopropyl Palmitate Isopropyl Myristate	Low viscosity and rich feel Good replacement for IPP and/or IPM Non-greasy/ Non-tacky Good for facial products
Emollient & Solvent	Jarether™ D8	Dicaprylyl Ether	Unique fluidity similar to D5	Cyclopentasiloxane (D5)	Lower impact on the environment Excellent flow, fast spreading and low viscosity properties
Natural Sunscreen & Tanning Oil	Jarxotic™ BU15	Mauritia Flexuosa Fruit Oil	Rich in unsaturated fatty acids Extremely rich in carotenoids - one of the richest sources of pro-vitamin A (β-Carotene)	Carrot Seed Oil	High natural Sun Protection Factor Provides a bronzing color Increases skin elasticity and decreases the damage of skin exposed to sunlight
Skin Defense & Moisturization	Jarxotic™ SC-NS – Sun Clay	Illite (Ochre Illite Clay)	Detoxifies and moisturizes your skin	Yellow Clay	Supports the skin's natural defense mechanisms and absorbs excessive oils
Emollient – Improved Skin Feel	Jarcane™ 16	Hexadecane	Mineral Oil replacement	Hydrogenated Polybutenes, Parleam, Mineral oil	Non petroleum derived & oxidatively stable Shine, Lubricity & Lighter Skin Feel
Skin Lightening – Anti-oxidant activity	Actique™ LIC 90	Glycyrrhiza Glabra (Licorice) Root Extract	Tyrosinase Inhibitor Reduction of redness & anti-inflammation	Licorice, Arbutin, Kojic Acid, Vitamin C & Hydroquinone	Safe, naturally derived & higher efficacy Extremely low color value Reduction of inflammation from UV-B radiation
Skin hydration and repairing	Actique™ Hyal	Sodium Hyaluronate	Natural Moisturizing Factor and Anti-aging ingredient that keeps collagen from cracking and drying out	Commodity Moisturizers	Originates from all-natural fermentation processes and can stabilize up to 1,000 times its own weight in water Available in different molecular weights and solution form