

PRODUCT	KEY INGREDIENTS		FUNCTION
 <p><b>PRICKLY PEAR</b> <i>Opuntia ficus indica</i> SEED OIL Certified Organic Morocco</p>	VITAMIN E	Gamma-tocopheral Alpha-tocopheral Beta-tocopheral Delta-tocopheral	Vitamin E is a potent antioxidant and free-radical scavenger. It improves skin hydration, heals dry, damaged skin, prevents wrinkles and delays aging. Vitamin E stimulates cell oxygenation and restores the skin's hydrophilic layer making the skin more elastic, smooth and shiny. Gamma-tocopheral protects against nitrogen based free radicals and protects the fibroblast of the skin (the cells that make collagen, elastin, and the glycoproteins of the extracellular matrix). It also improves the skin's water-binding ability, increases the natural moisture content of the skin, boosts the effectiveness of sunscreen, prevents and treats scars, plus heals damaged skin. Prickly Pear Seed oil contains the highest level of Vitamin E than any other fixed oil - almost 150% more tocophreol than Argan Oil.
	ESSENTIAL FATTY ACIDS (EFAS)	Linoleic acid (Omega-6) Oleic acid (Omega-9) Palmitic acid Stearic acid	Omega fatty acids or essential fatty acids (EFAs) are natural penetration enhancers due to their fluidizing effect on cell membranes. The combination of their own physiological activities with their ability to increase transport of bioactive agents through the skin creates a synergistic effect with other nutrients. They are also critical in the formation of prostaglandin (PGE) which acts as a natural anti-inflammatory healing agent and is essential in cellular membrane health and tissue regeneration. Oleic acid balances sebum production, promotes the production of antioxidants, helps to repair tissue damage and improve skin condition. Linoleic acid is an antioxidant and anti-inflammatory agent effective in cell regulation and skin repair that has been shown to be beneficial in treating acne conditions. Palmitic and stearic acids are natural emollients helping reinforce the skin's healthy barrier function for a smoother surface. EFAs are responsible for improving moisture retention and keeping the skin softened, elastic and firm. They help improve the structure, function and appearance of aged skin and are extremely useful in anti-aging formulas.
	STEROLS	Beta sitosterol Campesterol Stigmasterol	Sterols help prevent skin aging by promoting moisture retention as well as optimizing the function of the skin barrier. Sterols are important for healthy skin because they mimic the effects of cholesterol on the skin, whereby cholesterol is an important part of the skin's epidermal layer and contributes to overall skin health. Sterols have been shown to help prevent wrinkles and increase skin elasticity.
	ANTIOXIDANTS	Vitamin E	Antioxidants are agents that neutralise the oxidant effect of free radicals, which are molecules that damage collagen and cause skin dryness, fine lines and wrinkles. Tocopherols are often referred to as radical scavengers as they act as 'guardian angels' in charge of protecting all valuable unsaturated fatty acids against destruction by free radicals that promote the skin aging process. Tocopherols are responsible for the impressive effectiveness of Prickly Pear Seed oil as a natural antioxidant
	CAROTENOIDS	Beta-carotene	Beta-carotene as the most well-known provitamin A carotenoid. Beta-carotene is often referred incorrectly as Vitamin A. In nature, Beta-carotene is a precursor (inactive form) to vitamin A as it can only be converted to Vitamin A in the body's digestive tract. Beta-carotene has shown to have an impact on aging skin and photoaging.

### APPLICATIONS

- cracked heels
- dehydrated skin
- premature aging skin
- wrinkles & fine lines
- minor cuts & scratches
- rashes & irritated skin
- razor burned skin
- scarring
- sun damaged skin
- fragile nails & cuticles

