

Shea XP™

Active Base Emollient

Biofunctional, Naturally Inspired
Petrolatum With Shea Functionality

Sonneborn, a leader in base emollients and AAK, a leader in specialized vegetable oil ingredients, have applied their respective expertise to co-develop Shea XP, a new advanced base emollient. This shea functionalized petrolatum is composed of a highly concentrated, physically optimized matrix of shea butter and petrolatum.

Functional Benefits

- > Superior TEWL synergistically
- > Protects and improves: immediate occlusive barrier and long-term skin health benefits
- > Superb sensory profile
- > Strengthens skin barrier
- > Beneficial boost of dermal collagen
- > Anti-inflammatory activity
- > Inhibition of protease activity

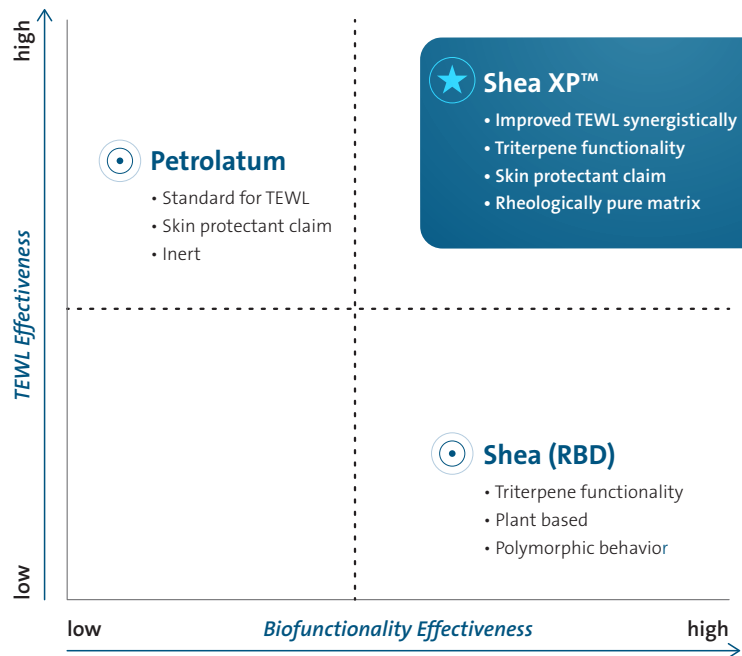
Made With **AAK** Shea Technology™



OVERVIEW

The benefits of AAK's superior shea technology with Sonneborn's specialized petrolatum deliver a biofunctional concentration of shea triterpene esters within an aesthetically pleasing, rheologically stable crystalline matrix.

The synergistic nature of Shea XP launches a new active base emollient with highly protective bioimprovement benefits. Shea XP delivers the trusted protection of petrolatum with the known functionality of shea triterpenes, including: anti-inflammatory activity, accelerated skin healing, collagen production and increased epidermal thickness. This patent-pending technology delivers active base emollient performance in a rheologically pure system for superior performance in a wide range of markets and applications.



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INCI Names

Petrolatum USP and Butyrospermum
Parkii (Shea) Butter (US)
Petrolatum USP and Butyrospermum
Parkii Butter (EU)

Physical Form/Consistency at 20 °C

Semi-Solid

Regulatory Status

Meets the OTC monograph for Skin
Protectant at 40% concentration

Recommended Use Level

2%–100%

APPLICATIONS

Shea XP is suitable for all types of skin care creams and lotions, as well as in anhydrous products such as ointments, balms and body butters. The superb skin feel makes it especially suitable for sensitive applications and product enhancements.

Shea XP can be formulated into rinse-off applications, nutritive cleansing and hair care products. It is also an ideal emollient for color cosmetics due to excellent compatibility with other emollients, waxes and oils.

A 40 percent concentration of Shea XP meets the OTC monograph as a Skin Protectant, allowing for a silkier skin feel in topical ointments.

Specifications for Shea XP

PROPERTIES GUARANTEED	TEST METHOD	TENTATIVE LIMITS
Melting Point, °C	ASTM D127	43.0/60.0
Lovibond Color, 2 IN. CELL	IP 17	5Y Max
Odor	LATM 217	PASS
Consistency	ASTM D937	130/210
Kinematic Viscosity @ 100 °C, cSt	ASTM D445	5/10
Congealing Point, °F	ASTM D938	95 Min

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