



Touching Everyday Lives

Samples are available upon request

Sunsolv™ BOS

Butyloctyl Salicylate

Sunsolv™ BOS is a versatile multifunctional ingredient which improves aesthetics and performance of sunscreens, skin care, and color cosmetics. It is highly effective as a sunscreen actives solubilizer and photostabilizer, inorganic pigment wetter, emollient, moisturizer, and carrier. It finds application in skin care where it contributes to the elegant slip and feel of topical preparations and in color cosmetics as an excellent wet binder.

Key Benefits

- Elegant slip and skin feel
- Increases pigment spreadability
- Produces more uniform films
- Provides smoother cake feel in cosmetics
- Excellent carrier and dispersant for TiO₂ and ZnO
- Low viscosity
- Excellent wet binder for pressed powders
- Efficient solubilizer for crystalline UV filters

Typical Applications

- Sun Care: daily wear and beach sunscreens
- Skin Care: creams, lotions, and tanning oils
- Cosmetics: eye, facial color, and lip care

Packaging

Sunsolv™ BOS is available in 420 lb. tight head steel drums.

Usage Level

Creams and lotions: 2 – 10%

Typical Properties

Appearance @ 25°C	Clear, colorless to pale yellow liquid
Odor	Faint, characteristic
Color, APHA	40 maximum
Freezing Point, °C	-25
Saponification Value, mg KOH/g	177 - 187
Specific Gravity @ 25°C	0.964 – 0.984
Refractive Index @ 25°C	1.490 – 1.494
Dielectric Constant @ 25°C	5.35
Viscosity, cP @ 25°C	16

Not intended for use in preparing specifications

Storage and Handling:

Before handling, read the Safety Data Sheet and container labels for safe use, physical, and health hazard information.

Store in a cool, dry, well ventilated area in a tightly sealed container. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Wash hands thoroughly after handling. Do not eat, drink, or smoke in the work area.

Shelf Life:

Sunsolv™ BOS, when kept in tightly enclosed containers, has a shelf life of 2 years from manufactured date.

The facts stated and the recommendations made are based on our own research of others, and are believed to be accurate. No guarantee of their accuracy is made; however, and unless otherwise expressly provided by law or in a written contract, the materials are sold without warranties, expressed or implied, in particular with our guarantee as to suitability for particular purpose. Innospec assumes no responsibility for injury or damage to users or third parties. Recipients agree to assume all risk and liability whether used singly or in combination with other materials. Sulfate-Free claims indicate that no organically bound sulfates are contained; 1,4 Dioxane-Free claims indicate no ethoxylated products which contribute to the generation of 1,4 Dioxane are contained; Nitrosamine-Free claims indicate that no known materials which contribute to nitrosamine formation in the NDELA form are contained.