

SMART™

FermentDiol™

100% Natural
Solvent and
Moisturizer For
Cosmetics



COSMOS
APPROVED



BENEFITS

SMA'RT® FermentDiol™ is the 100% natural and green version of 1,3-butylene glycol. It is obtained through the fermentation of sugarcane using white biotechnology. SMA'RT Fermentdiol™ can be used as a substitute for propylene glycol and other synthetic moisturizers. It can be used in a variety of cosmetics as a natural bio-based solvent, humectant, emollient, dispersant, preservative booster, and viscosity decreasing agent. When applied to the skin, SMA'RT FermentDiol is absorbed and broken down into "gamma-hydroxybutyric acid," which is a naturally occurring compound found in humans. SMA'RT FermentDiol™ is desired due to its silky sensory attribute, easy spreadability, and anti-irritation properties.

INCI: Butylene Glycol

Suggested Use Level: 1-30%

KEY ATTRIBUTES

- 100% Natural
- Cosmos/Ecocert Approved
- Bio-Based Solvent
- Moisturizing
- Light Skin Feel
- Preservative Booster
- Anti-Irritation

APPLICATIONS

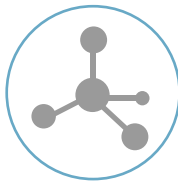
- Skincare Products
- Color Cosmetics
- Hair Care Products
- Fragrances
- Anti-Aging
- Creams and Lotions
- Shaving products



Sustainable



Multi-Functional



Preservative Booster



Moisturizing



Anti-Irritation



Odorless



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