

Butylene Glycol

Specification Sheet

Description: Multi-purpose alcohol (synonym: 1,3-butanediol) used as humectant, solvent, antimicrobial agent, and emollient. Offers characteristics such as preventing the assimilation of water from atmospheres of high humidity into film-forming preparations and preventing crystallization of insoluble components in cosmetic vehicles.

CAS: 107-88-0

INCI Name: Butylene Glycol

Composition: Butylene Glycol

Appearance: Colorless, slightly viscous liquid

Benefits:

- Can be used across a wide range of leave-on and rinse-off formulations to add moisture and emolliency.
- Widely used as alternate solvent for glycerin or propylene glycol in water-based systems.
- Can stabilize volatile compounds such as fragrances and flavors fixing them in cosmetic formulations and to retard the loss of aroma.
- At a concentration of 8-10% butylene glycol has anti-microbial activity against bacteria, molds, and yeasts.

Use: Add to formulas to the water phase. Typical use level 1 - 10%. For external use only.

Applications: Serums, creams & lotions, hair care products, color cosmetics.

Solubility: Water-soluble

Preservation: Preservative-free

Storage: Store in a closed container at a dry place at room temperature.

Country of Origin: USA

Raw material source: Aldol



10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

Manufacture: Butylene glycol is prepared by catalytic hydrogenation of aldol in the presence of hydrogen and a hydrogenation catalyst.

Animal Testing: Not animal tested.

GMO: GMO-free.

Vegan: Does not contain animal-derived components.

HS Code: 2905391000