

Butylene Glycol

Specification Sheet

Description: Organic 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. Colorless, slightly viscous liquid. Water soluble.

CAS: 107-88-0

INCI Name: 1,3 butylene glycol

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.

Country of Origin: USA

Raw material source: Aldol

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 (does not contain plant-derived components)

Vegan: Does not contain animal-derived components