



BRONTIDE™

Natural Butylene Glycol



It's time for a better glycol.

- Good For People** — Safe + pure. Brontide contains no heavy metals at detectable levels and has been shown in clinical studies to be nonirritating at levels of up to 40% in formulation.
- Good For Our Planet** — Brontide is a natural butylene glycol. Made from renewable, non-GMO plant sugars, Brontide reduces global warming potential by over 50% compared to petroleum-based butylene glycol.
- Good For Formulators** — Brontide integrates into current formulations without sacrificing quality or needing reformulation.

A unique process

01 The Origin

Brontide is sourced from non-GMO renewable plant sugars, eliminating the need to use fossil fuels as a feedstock.

02 The Process

A specialized microorganism ferments natural sugars into 1,3 butylene glycol.

03 The Product

A purification and distillation step completes the process to produce high purity, cosmetic grade Brontide butylene glycol.



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Product Data Sheet



Functional Benefits

Humectant | Adds Texture | Solvent
Stabilizer | Preservative Booster

Registrations + Certifications

INCI	Butylene Glycol
CAS	6290-03-5
EC	228-532-0
REACH	01-2120764879-30-0000
ISO 16128	Conforms as a natural ingredient with a natural index of 1

USDA Biopreferred Program - 100% Biobased

Typical Properties

Characteristic	Limit
Appearance	Clear, Colorless
Odor	Faint
Purity	99.7%
Water	0.50%
Specific Gravity at 20° C	1.004
Viscosity cP at 25° C	97 cP
Acid Number, mg KOH/g	Max 0.05
Heavy Metals	None Detected

The Rundown

Naturally sourced Brontide butylene glycol is a high-performance ingredient used in a variety of personal care and cosmetic applications. It can also be used as a solvent and stabilizer for extracts and actives.

The Innovative Process

Brontide is made in Europe from an innovative fermentation process which converts non-GMO plant sugars into an ultra high purity butylene glycol, eliminating the need to use crude oil as a feedstock.



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