

Sorbitol

Specification Sheet

Description: Natural polyhydric alcohol derived from a sugar solution (dextrose) from wheat (gluten-free), consists of the alcohols D-glucitol & D-mannitol.

CAS: 50-70-4

INCI Name: Sorbitol

Composition: Sorbitol

Appearance: White, crystalline powder, slightly sweet odor

Benefits:

- Effective moisturizing properties (avoids moisture loss)
- Stabilizes gels and provides good clarity.
- Has skin softening and conditioning effects.
- Can support thickening effects of viscosity enhancers.
- Fairly resistant to acids and alkalis.
- Stable at temperatures up to 180°C (356°F)

Use: Can be added to formulas as is; add to water phase. Typical use levels 5-50%. For external use only.

Applications: Creams, lotions, gels, pastes (e.g. tooth pastes), protecting creams, ointments, makeup & sun care & personal care products.

Solubility: Soluble in water or alcohols

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Wheat-derived sugar (dextrose)

Manufacture: Sorbitol is produced by hydrogenation of a sugar solution using a nickel or ruthenium catalyst. Using ion exchange, the crude sorbitol solution is then purified and evaporated to its final concentration.



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Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal-derived components.

HS Code: 2905440000