

## Propanediol 1,3

### Specification Sheet

**Description:** Propanediol 1,3 is a natural, skin-friendly preservative-boosting humectant for all kinds of formulations. It is made from renewable corn sugar fermentation. Has excellent sensory characteristics & is environmentally sustainable. It is naturally-derived. Clear liquid, mild odor. Soluble in water.

**CAS:** 504-63-2

**INCI Name:** Propanediol 1,3

#### Benefits

- 100% natural
- Can be used to replace petroleum-based glycols such as propylene glycol, butylene glycol or glycerin in formulations
- Acts as humectant, emollient, skin penetration enhancer and solvent
- Boosts efficacy of preservatives
- Improves skin moisturization

**Use:** Add to the water phase of formulations. Typical use level 1-10% depending on the type of formula. For external use only.

**Applications:** Creams, lotions, shampoos, conditioners, sun care, skin treatments.

**Country of Origin:** USA

**Raw material source:** Corn sugar

**Manufacture:** Fermentation of corn sugar

**Animal Testing:** Not animal tested

**GMO:** Not tested for GMOs

**Vegan:** Does not contain animal-derived components