

## Triethanolamine

### Specification Sheet

**Description:** Organic compound composed of a tri-alcohol & an amine. Widely used to elevate the pH in cosmetic formulas. Chemical name: 2,2',2"-nitrilotriethanol.

**CAS:** 102-71-6

**INCI Name:** Triethanolamine

**Composition:** Triethanolamine, Diethanolamine

**Appearance:** Colorless to light yellow, viscous liquid, or solid depending upon storage conditions; slight ammonia odor.

**Benefits:**

- pH adjuster (increases pH).
- Stabilizes emulsions, fragrances and preservatives.
- Acts as foam stabilizer as it has detergent properties and stabilizes other surfactants.
- Improves efficacy of preservatives by stabilizing the pH value.

**Use:** Typical use level 0.1-1% depending on product type & desired pH value. Note: Crystallizes upon room temperature. For external use only.

**Applications:** For adjusting pH values & stabilizing all kinds of personal care & makeup products.

**Solubility:** Miscible with water, ethanol and acetone, slightly soluble in ether, benzene and carbon tetrachloride

**Preservation:** Preservative-free

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

**Country of Origin:** USA

**Raw material source:** Ammonia, ethylene oxide

**Manufacture:** Triethanolamine is produced synthetically from the reaction of ethylene oxide with aqueous ammonia. Byproducts are ethanolamine and diethanolamine.



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**Animal Testing:** Not animal tested.

**GMO:** GMO-free

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

**HS Code:** 2905170000

**California Prop 65:** WARNING: This product can expose you to chemicals including Diethanolamine, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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