10800 231st Way NE
Redmond, WA 98053
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makingcosmetics.com

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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

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 (does not contain plant-derived components)

Vegan: Does not contain animal-derived components.

HS Code: 2905170000

California Prop 65: Under California's Safe Drinking Water and Toxic Enforcement Act, better known as OEHHA Prop 65, we are required to place a warning to this product since the OEHHA believes that Diethanolamine (DEA) that is contained in trace amounts in Triethanolamine (TEA) may cause cancer even though all of the available scientific data clearly suggest that there is insufficient epidemiological or toxicological evidence to say that either of these substances would be a human carcinogen as stated by the Personal Care Products Council, CropLife America, the American Chemistry Council, the America Cleaning Institute, the Chemical Producers & Distributors Association, and the Consumer Specialty Products Association (CSPA). In addition, IARC (The International Agency for Research on Cancer from the World Health Organization) concluded that there is inadequate evidence in humans for the carcinogenicity of diethanolamine and EPA (The United States Environmental Protection Agency) has not classified diethanolamine for carcinogenicity. 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