

Laureth-3

Specification Sheet

Description: Effective liquid non-ionic emulsifier & surfactant made from polyethylene glycol ether of lauryl alcohol (POE 3 lauryl alcohol). HLB value 8 (gives water-in-oil emulsions).

CAS: 68439-50-9

INCI Name: Laureth-3

Composition: Laureth-3

Appearance: Clear liquid, may haze when chilled.

Benefits:

- Non-ionic emulsifier (enables water & oil to mix), dispersing agent, and solubilizer.
- Solubilizes oils in aqueous systems and create a milky type consistency when surfactants are present.
- Act as a thickener in shampoos and shower gels.
- Compatible with non-ionic, anionic, amphoteric, and cationic surfactants.

Use: Can be added to formulas as is either to the water phase or oil phase. Typical use level is 1-5%. For external use only.

Applications: All kinds of skin care products, hair care products including body washes, hair shampoos, deodorants, lotions, and creams.

Solubility: Soluble in oils and alcohols, partly soluble in water.

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Palm and synthetic origin

Manufacture: Laureth-3 is produced by reacting ethylene oxide with lauryl alcohol which is obtained from coconut oil. The numerical designation 3 refers to the number of repeating ethylene oxide units in the molecule.



10800 231st Way NE
Redmond, WA 98053
Phone: 425-292-9502
makingcosmetics.com

Animal Testing: Not animal tested.

GMO: GMO-free

Vegan: Does not contain animal derived components.

HS Code: 3402420000

California Prop 65: WARNING: This product can expose you to chemicals including 1,4 - Dioxane (<10ppm) and Ethylene Oxide (<10ppm) which is known to the State of California to cause cancer or reproductive toxicity. For more information, go to www.P65Warnings.ca.gov

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Phone 425-292-9502 Fax 425-292-9601 www.makingcosmetics.com