

Date: 27-Aug-2021

Laureth-3

Specification Sheet

Description: Effective liquid non-ionic emulsifier & surfactant made from polyethylene glycol ether of lauryl alcohol (POE 3 lauryl alcohol). Clear liquid, odorless, may haze when chilled. pH 5.0-6.5 (5% solution). Soluble in oils and alcohols, partly soluble in water. HLB value 8 (gives water-in-oil emulsions).

CAS: 3055-94-5

INCI Name: Laureth-3

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.

Country of Origin: USA

Raw material source: Coconut oil

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.

Animal Testing: Not animal tested

GMO: Not tested for GMOs

Vegan: Does not contain animal derived components