

Polysorbate 20

Specification Sheet

Description: Emulsifying agent consisting of laurate esters of sorbitol consisting of the monoester condensed with ethylene oxide (polyoxyethylene-20 sorbitan monostearate). HLB Value: 16-17 (gives oil-in-water emulsions).

CAS: 9005-64-5

INCI Name: Polysorbate 20

Composition: Polysorbate 20

Appearance: Yellow liquid, no or weak odor.

Benefits:

- Non-ionic emulsifier (enables water and oil to mix).
- Emulsifying efficacy is increased further when combined with cetyl alcohol or sorbitan stearate.
- Acts as dispersing agent and anti-static thickener.
- Very useful as solubilizer and stabilizer of essential oils.

Use: Can be added to formulas as is. Typical use level 2 - 10%. For external use only.

Applications: Creams, salves, ointments, balms, pomades, lipsticks, mascaras, glosses.

Solubility: Water-soluble.

Preservation: Preservative-free

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

Country of Origin: Mexico

Raw material source: Sorbitol, vegetable oils

Manufacture: Polysorbate 20 is obtained by esterification of sorbitol with one or three molecules of a fatty acid including stearic, lauric, oleic, and palmitic acid.

Animal Testing: Not animal tested.



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GMO: No data available.

Vegan: Does not contain animal-derived components.

HS Code: 3402420000

Proposition 65: WARNING: This product can expose you to chemicals including 1,4-Dioxane and Ethylene oxide, which are 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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