

Sodium Stearate

Specification Sheet

Description: Vegetable-based aqueous thickener and gelling agent, emulsifying agent (o/w), and cleansing agent. Consists primarily of the sodium salts of saturated C16 & C18 fatty acids. Particle size (thru 100 mesh) approx. 0.4 micrometers.

CAS: 822-16-2

INCI Name: Sodium stearate

Composition: Sodium stearate

Appearance: Off-white powder

Benefits:

- Multi-functional ingredient with thickening, gelling, and emulsifying properties.
- Widely used as thickener in stick products (e.g. deodorants) and co-emulsifier in cream and lotions.

Use: Add powder to the hot water phase (approx. 80oC / 176oF) and stir until homogeneous. Typical use level 0.5-20% (deodorant sticks 4 - 8%, bar soaps 5 - 20%, co-emulsifiers <1%). For external use only.

Applications: Stick cosmetics (e.g. deodorants), color cosmetics, soaps, creams, lotions, sunscreens, after sun care products.

Solubility: Soluble in hot water, alcohol, and esters

Preservation: Preservative-free

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

Country of Origin: USA

Raw material source: Vegetable oils

Manufacture: Sodium stearate is produced by saponification of vegetable oils and fats. The resulting stearic acid is then further purified by reacting it with sodium hydroxide.

Animal Testing: Not animal tested.



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GMO: GMO-free

Vegan: Does not contain animal derived components.

HS Code: 2915700000