

# Cetearyl Alcohol

## Specification Sheet

**Description:** All-purpose thickening agent. NF grade, 95% active components. Composed of fatty alcohols, 70:30 ratio. C18 weight % stearyl alcohol 66-76 and C16 weight % cetyl alcohol 22-32. HLB 15.5 (creates oil-in-water emulsions but only to a limited degree). White flakes or pastilles, mild characteristic odor. Not soluble in water. Partially soluble in alcohol.

**CAS:** 67762-27-0

**INCI Name:** Cetearyl alcohol

**Benefits:**

- Non-gelling thickener, viscosity and consistency enhancer
- Works also in water-free products like lipsticks
- Acts as co-emulsifier at concentrations under 2%
- Has emollient, moisturizing, and foam boosting properties

**Use:** Melt before use (54°C/129°F) or add to hot water phase. Usual concentration 0.5-10%. For external use only.

**Applications:** Lotions, creams, hair shampoos, conditioners, body washes, makeup products.

**Country of Origin:** USA

**Raw material source:** Coconut oil and vegetable oils

**Manufacture:** Cetearyl alcohol is a mixture of the fatty alcohols cetyl alcohol and stearyl alcohol which are made by catalytic hydrogenation of the triglycerides obtained from vegetable and coconut oils and followed by oxidation of a chain growth product of ethylene oligomerized on a triethylaluminum catalyst.

**Animal Testing:** Not animal tested

**GMO:** Not tested for GMOs

**Vegan:** Does not contain animal-derived components