

# Steareth-21

**INCI Name:** Steareth-21

**CAS Numbers:** 9005-00-9



## Description:

Steareth-21 is the polyethelyne glycol ethers of stearyl alcohol. The number indicates the degree of liquidity from 4 (thin) to 100 (solid). Steareth-21 is a semisynthetic detergent-like compound derived from the fatty acid, stearic acid, and modified using ethylene oxide (oxirane). Steareth-21 is used as an emollient or a surfactant.

## Technical Data:

Test/Property	Specification
Hydroxyl Value	44.0 TO 61.0
Identification - IR	Matches standard
Melting Point Celcius	43.0 TO 47.0
Acid Value	2 MAX
Moisture %	0.00 TO 2.00
Appearance @ 25dgr	White waxy solid or powder
Color, Gardner	1 MAX

## Applications

Steareth-21 is used in the formulation of a wide variety of cosmetics and personal care products. These products include makeups, lotions, personal cleanliness products, deodorants, suntans lotions, fragrances, skin care products, eye care products, and hair care products.



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