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Technical Data Sheet
STEARETH 2

Product data
Steareth 2 (S2) is a synthetic surfactant composed of polyethylene glycol polymer and stearyl alcohol.

INCI name
Steareth 2

Registration
CASR-No: 9005-00-9

Chemical structure
![Chemical structure of Steareth 2](image)

Molecular Formula: C_{20}H_{42}O_2

Specification
Appearance: waxy solid
Colour: white to slightly yellowish
Hydroxyl value: 145 - 165
Acid Value, mgKOH/g: 2 max
Water %: 1 max

Function
S21 is used as an emulsifier for W/O emulsions and a co-emulsifier for O/W systems in pharmaceutical and cosmetic preparations. Being an excellent dispersant and being specially resistant to extreme pH-values, as well as to high electrolyte and metallic ions concentrations.

Applications
S2 is used in various cosmetic such as cream rinses, conditioners, bath oils, creams, lotions, deodorants, anti-perspirants.

Recommended Dosage: 0.5 - 5%

Storage
Store in a tightly closed container at room temperature between 15-30°C away from light and moisture.