



NOVO S 21[®] a high performance emulsifier.

- Strong emulsifier
- Strong oil in water solubilizer
- Soft skin feel formula





NOVO S 21[®]

INCI Name: Steareth-21

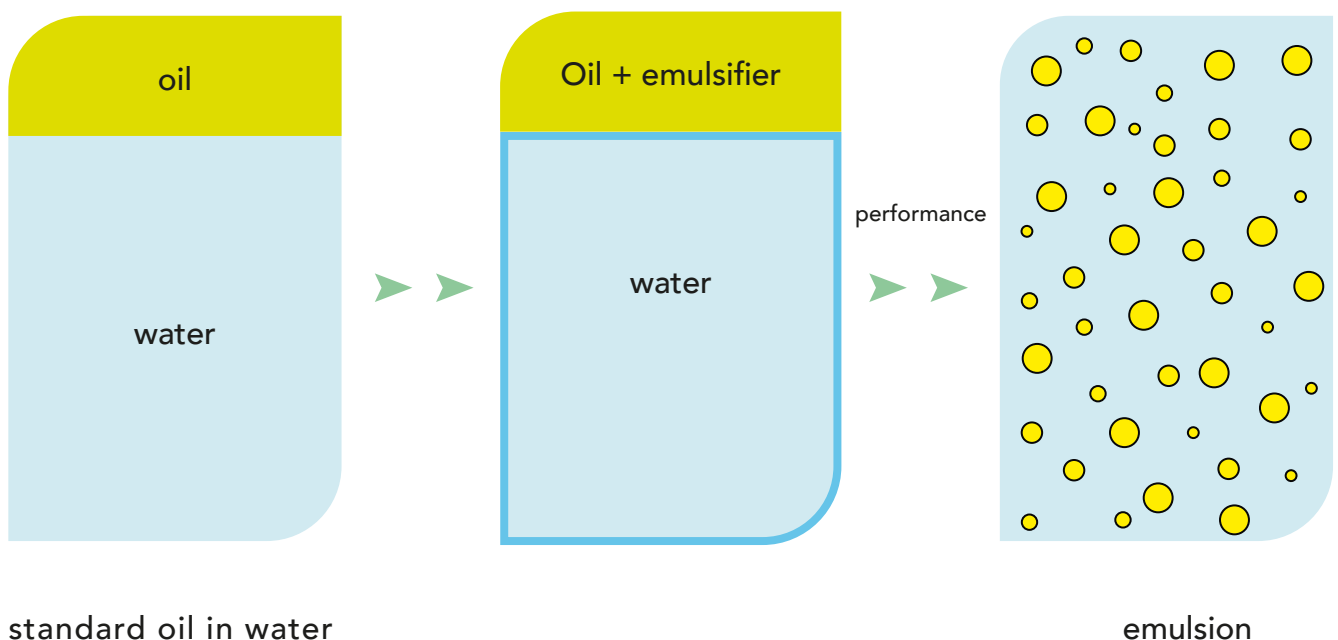
Introduction:

Novo S21 is a polyoxyethylene fatty ether-derived stearyl alcohol to produce stable dispersion of the components of the formulation. It is recommended for use in extreme pH formulation such as antiperspirant deodorants. Due to the differing Hydrophilic lipophylic values (HLV), Novo S2 and Novo S21 work well in combination with each other to produce stable O/W emulsion. This product is suitable for skincare, deodorants, and antiperspirants.

Technical Data Sheet (TDS)

Acid value	Max 2mg KOH/g
Colour	Max 1
Hydroxyl value	44.0-61.0 mg KOH/g
Water content	Max 2 %
Residual ethylene oxide	Max 1 ppm
Dioxane content	Max 5 ppm

Novo S 21 can form stable O/W emulsions
which Bound water around oil droplets





Active & Mechanism:

Novo S21 is a range of alky polyglycol ethers, which is produced by reaching EO (Ethylene oxide) with fatty alcohols or fatty acids. They possess certain behavioral characteristics, which enable them to exhibit great tolerance to extreme levels of PH and high levels of electrolytes. Besides, they have Emulsification properties as well as solubilisation.

Typical formulation Aluminum free deodorant	
Novo S2	4
Novo S21	6
Water	qs
Novofix R	5
Novo sorb WS plus	0.1
Novollan	18
Novo ben5	1
Fragrance	qs
EDTA	0.1



Benefits:

- great tolerance to extreme levels of pH
- they have Emulsification properties

How to use:

- add to oil phase
- hot process

Dosage: 2-10%

Applications:

- O/W emulsifier for cream (from low to high viscosity)
- Deoroll



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