



## NOVO S21<sup>®</sup>

A high-performance emulsifier.

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





## NOVO S21<sup>®</sup>

INCI Name: STEARETH-21

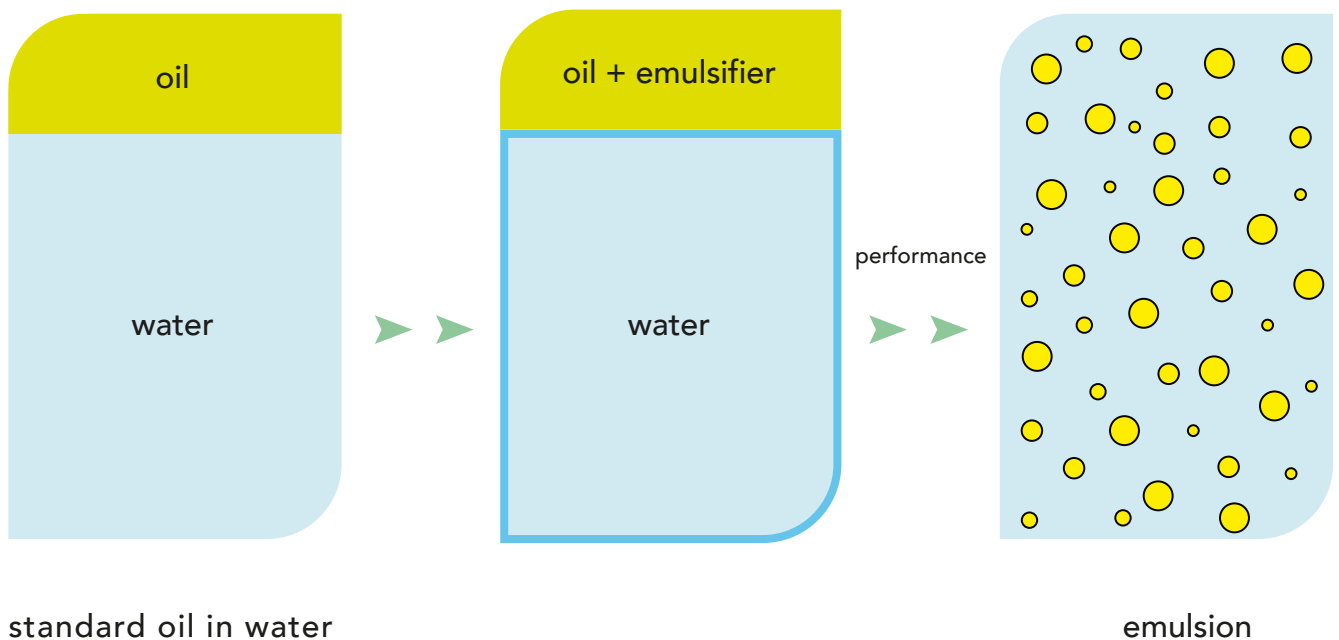
### Introduction:

Novo S21 is a polyoxyethylene fatty ether-derived stearyl alcohol to produce stable dispersion of the components of the formulation. It is recommended for using 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 )

Appearance	waxy solid
Acid value	Max 2mg KOH/g
Color	Max 1
Hydroxyl value	44.0-61.0 mg KOH/g

Novo S21 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 reacting 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
Aqua	qs
Propylene Glycol	5
Novo Sorb WS Plus	0.1
Novo Deolan	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 the oil phase
- Hot process

**Dosage:** 2-10%

## Applications:

- O/W emulsifier for cream (from low to high viscosity)
- Deo roll deodorant



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