



# Alpicare NS

## Chemical description

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Mixture of non-ionic surfactants

### INCI name

PEG-40 Hydrogenated Castor Oil, Trideceth-9, Water

## Main use

ALPICARE NS is a high performing mixture of non-ionic surfactants specifically designed for the manufacture of cosmetics and personal care products.

## Typical values

Appearance at 25 °C:	clear liquid
Colour:	clear/light yellow liquid
Active matter (%):	90 approx
pH (10% aqueous solution):	6.5 approx

## Product properties

ALPICARE NS is a high performing mixture of non-ionic surfactants suitable for solubilizing perfume or essential oils both in aqueous and hydroalcoholic media, suitable for a wide variety of cosmetics and personal care applications.

## Applications

ALPICARE NS is highly effective at solubilising fragrances, essential oils, lipophilic actives, vitamins and hydrophobic compounds in water or in aqueous/alcoholic solutions. In order to ensure a clear aqueous solution, it is recommended to intimately mix the hydrophobic ingredient with ALPICARE NS before the addition to the formulation.

Oil	Solubiliser	Water		Hydroalcoholic Solution (Water 75%, Ethanol 25%)	
		w:w (oil: solubiliser)	% T	w:w (oil: solubiliser)	% T
Lemon oil	Alpicare NS	1:2	96	1:2	98
	COH 40	1:7	96	1:7	96
	COH 40/P20*	1:8	94	1:4	94
Orange oil	Alpicare NS	1:2	96	1:2	98
	COH 40	1:7	96	1:7	97
	COH 40/P20*	1:7	95	1:4	88
Peppermint oil	Alpicare NS	1:2	96	1:2	97
	COH 40	1:7	96	1:7	97
	COH 40/P20*	1:7	92	1:4	97

\*COPH40/P20 = mix 1:1 of PEG40 HYDROGENATED CASTOR OIL & POLYSORBATE 20

## Storage and handling

ALPICARE NS should be stored in the originally sealed containers, protected from light.

Shelf life: 12 months

## Packaging

120 kg net weight plastic drums. Alternative package sizes may be available upon request.

## Material safety

Product safety data and handling information can be found on the relevant Safety Data Sheet, which is available upon request. It is recommended that the Safety Data Sheets are examined before using the product.

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### Regulatory information

The Technical Data Sheet is not a official declaration of compliance nor specification. Any specific information has to be released separately and nominally to each customer upon request.