

**Kao Corporation, S.A.****Member of Kao Chemicals Europe**

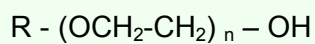
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**APROVADO**

Dep. Qualidade

FINDET® 1618A/18

- Non-Ionic surfactant
- Vegetable origin
- Detergent and emulsifier

CHEMICAL IDENTIFICATION

R = C1618
n = 6 average

INCI Name: Ceteareth – 6

CAS Number: 68439 – 49 – 6

TECHNICAL SPECIFICATIONS

		Kao Method
APPEARANCE (20°C) :	White waxy solid	KCSA-258
CLOUD POINT (pT-1,°C) :	71 - 75	KCSA-020
pH (5% aq.sol. EtOH/Water, 50/50) :	6.0 – 8.0	KCSA-014

FINDET® 1618A/18

TYPICAL PROPERTIES

ACTIVE MATTER (%) :	100 approx.
ODOUR :	Characteristic
MELTING POINT (°C) :	25 - 31
DENSITY (40°C, g/mL, "spot") :	0.938 approx.
SOLUBILITY IN WATER (g/L) :	Insoluble
SOLUBILITY IN ISOPROPANOL (g/L) :	Soluble
HLB (calculated) :	10.2 approx.
CHARACTER :	Non-ionic

APPLICATION PROPERTIES

- FINDET® 1618A/18 as other non-ionic surfactants can be used in different applications due to its wide range of properties: detergent effect, foaming power, wetting effect, dispersing power, emulsifier and also solubilizer.
- For personal care application, it is normally used as low-middle HLB emulsifier.
- Due to its non-ionic character, it is compatible with other anionic, cationic or amphoteric surfactants.

STORAGE – HANDLING – SHELF LIFE

- FINDET® 1618A/18 is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C and original unopened container). A general advise it to use the complete container every time.
- The shelf life of FINDET® 1618A/18 can be considered of 2 years minimum under proper storage conditions. After longer storage time some of its characterising parameters (*odour, appearance, colour, pH, ...*), should be checked before using it.

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