

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

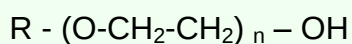
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**APROVADO**

Dep. Qualidade

FINDET® 1816-32E

- Non-ionic surfactant
- Vegetable origin
- Emulsifier and detergent

CHEMICAL IDENTIFICATION

R = 18' - C16
n = 20 average

INCI Name : Oleth-20 / Ceteth - 20

CAS Number : 68920 - 66 -1

TECHNICAL SPECIFICATIONS

		Kao Method
APPEARANCE (20°C) :	Yellowish solid	KCSA-258
CLOUD POINT (PT-3, °C) :	76 - 78	KCSA-020
pH (5% in water) :	6.0 - 8.0	KCSA-014

FINDET® 1816/32-E

TYPICAL PROPERTIES

ACTIVE MATTER (%) :	100 approx.
HLB (calculated) :	15.4 approx.
MELTING POINT (°C, "by DSC"):	29 – 37 (interval)
WATER SOLUBILITY :	Soluble
SOLUBILITY in ISOPROPYL ALCOHOL :	Soluble
CHARACTER :	Non-ionic

APPLICATION PROPERTIES

- FINDET® 1816/32-E, 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, emulsifier and also solubilizer.
- Due to its non ionic character is compatible with other anionic, cationic or amphoteric surfactants.

STORAGE – HANDLING – SHELF LIFE

- FINDET® 1816/32-E is chemically stable for a long period of time under appropriate storage conditions (temperature at 25°C and original unopened container).
- A general advise is to use the complete container every time.
- The shelf life of FINDET® 1816/32-E can be considered of 2 years minimum under proper storage conditions. After longer storage time some of its characterising parameters (*odour, appearance, pH, colour...*) should be checked before using it.

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