

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

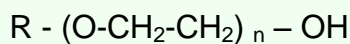
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**APROVADO**

Dep. Qualidade

**FINDET® 1618A/72-P**

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

**CHEMICAL IDENTIFICATION**

R = 1618  
n = 60 average

INCI Name : Ceteareth - 60  
CAS Number : 68439-49-6

**TECHNICAL SPECIFICATIONS**

		<b>Kao Method</b>
APPEARANCE (20°C) :	White solid in pellets	KCSA-258
ODOUR:	Characteristic	KCSA-267
CLOUD POINT (PT-3, °C) :	75 - 77	KCSA-020
pH (5% in water) :	5.0 – 7.0	KCSA-014

## **FINDET® 1618 A /72-P**

### **TYPICAL CHARACTERISTICS**

ACTIVE MATTER (%) :	100 approx.
HLB (calculated) :	18.3 approx.
SOLUBILITY IN WATER :	Dispersible/ Not soluble
SOLUBILITY IN ISOPROPYL ALCOHOL :	Soluble
MELTING POINT (°C) :	50 - 56
HYDROXYL VALUE (mg KOH/g) :	17 - 22
CHARACTER :	Non - Ionic

### **APPLICATION PROPERTIES**

- FINDET® 1618A/72-P 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 effect and also solubilizer.
- For personal care application, it is normally used as high HLB emulsifier.
- FINDET® 1618A/72-P is used in hair dyes application and in bleaching thick products (emulsions) based on H<sub>2</sub>O<sub>2</sub>, combined with other emulsifiers.
- Due to its non-ionic character, it is compatible with other anionic, cationic, or amphoteric surfactants.

### **STORAGE – HANDLING – SHELF LIFE**

- FINDET® 1618 A/72-P is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C and original unopened container).
- The shelf life of FINDET® 1618 A/72-P 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.
- Storage temperature must be always below 40°C.

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