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APROVADO

Dep. Qualidade

KALCOL[®] 6098L

- Fatty alcohol
- Emulsifying properties
- Vegetable origin

CHEMICAL IDENTIFICATION

R - OH

R = C16

INCI Name : Cetyl Alcohol

CAS Number : 36653 - 82 - 4

TECHNICAL SPECIFICATIONS

		Kao Method
APPEARANCE (25°C):	White Beads	KCSA-258
HYDROXYL VALUE (mg KOH/g) :	225 – 235	KCSA-029
SAPONIFICATION VALUE (mg KOH/g) :	1 max.	KCSA-023
ACID VALUE (mg KOH/g) :	0.2 max.	KCSA-125
ALKYL CHAIN (%) :	C16 : 98 min.	KCSA-250



KALCOL® 6098L

TYPICAL PROPERTIES

ODOUR :	Characteristic
HLB (calculated) :	5 approx.
IODINE VALUE (g I/ 100g) :	1 max.
SOLUBILITY IN WATER (g/L) :	Not Soluble
MELTING POINT (°C) :	47 – 52
CHARACTER :	Non-ionic

APPLICATION PROPERTIES

- KALCOL® 6098L, due to its non-ionic character, is compatible with other anionic, non-ionic, amphoteric or cationic surfactants.
- Fatty alcohols perform as thickening and suspension agents in emulsions and creams, giving also viscosity to the hair rinse products.
- KALCOL® 6098L can also act as opacifier agent in shampoos and body shampoo formulations, due to its low solubility in water.
- KALCOL® 6098L can be considered as a no toxic product.

STORAGE – HANDLING – SHELF LIFE

- KALCOL® 6098L 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 KALCOL® 6098L can be considered of 1 year 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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