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APROVADO
Dep. Qualidade

ICTEOL® K-50 E

- Potassium soap
- Foam controller in detergency formulas

CHEMICAL IDENTIFICATION

$$R\text{-}COO^{-} \quad K^{+}$$

R = Oleic Acid

INCI Name :	Potassium Oleate
CAS Number :	68424-23-7

TECHNICAL SPECIFICATIONS

		Kao Method
APPEARANCE (20ºC) :	Amber fluid liquid	KCSA-258
DRY MATTER (%) :	47 – 49	KCSA-283
pH (5% in water) :	9.5 – 10.5	KCSA-014

TYPICAL CHARACTERISTICS

ODOUR :	Characteristic soap
DROPPING POINT (ºC) :	15 approx.
DENSITY (30ºC, g/ ml, “spot”) :	1.047 approx.
SOLUBILITY IN WATER (g/L) :	Soluble
CHARACTER :	Anionic

ICTEOL® K-50 E

APPLICATION PROPERTIES

- ICTEOL® K-50 E, due to its anionic character, is compatible with other anionic, non-ionic, amphoteric surfactants, but it is not compatible with cationics.
- Soaps are usually applied in laundry detergents as minor ingredients. Their function is primarily to provide foam control in the washing machine. Generally, foam excess decreases the detergency level by mechanical effect.
- Soaps also aid in the cleaning process.

STORAGE – HANDLING – SHELF LIFE

- ICTEOL® K-50 E is chemically stable for a long period of time under appropriate storage conditions (temperature of 25ºC and original unopened container).
- In the case of long storage time, it is advisable to homogenize the product before its use, especially if it has been submitted to low temperatures. Small changes in the appearance can be easily recovered by applying a moderate agitation at 25-30ºC. A general advice is to use the complete container every time.
- The shelf life of ICTEOL® K-50 E 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.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose.
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