

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

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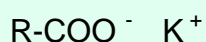
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Web : www.kaochemicals-eu.com**ICTEOL[®] K-50-E****DESCRIPTION**

- Potassium soap
- Foam controller in detergency formulas
- Vegetable origin

CHEMICAL IDENTIFICATION

R = Oleic Acid

INCI Name: Potassium Oleate

EU CAS Number: 143-18-0

US CAS Number: 143-18-0

TECHNICAL SPECIFICATION

		Kao Method
APPEARANCE (20°C):	Amber fluid paste	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 (°C):	22 approx.
DENSITY (30°C, g/mL, "spot"):	1.028 approx.
WATER SOLUBILITY (20°C):	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 cationic surfactants.
- 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 25°C and original unopened container).
- If stored for a long period of time, it is advisable to homogenize the product before use, especially if it has been subjected to low temperatures. Small changes in the appearance can be easily recovered by applying a moderate agitation at 25-30°C. A general recommendation is to use the full container every time.
- The shelf life of ICTEOL[®] K-50-E 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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