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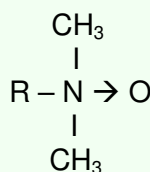
APROVADO

Dep. Qualidade

OXIDET® DM-246

- Amine Oxide
- Fragrances solubilizer and thickener in bleaches based on Sodium Hypochlorite
- Non-ionic / cationic surfactant (pH dependant)

CHEMICAL IDENTIFICATION



R = C12, C14, C16

Chemical Name : Alkyl Dimethyl Amine Oxide

CAS Number : 70592-80-2

TECHNICAL SPECIFICATIONS

		Kao Method
APPEARANCE (20°C) :	Yellowish transparent liquid without any matter in suspension	KCSA-258
ODOUR :	Slightly characteristic	KCSA-267
pH (as it is) :	7.0 - 8.0	KCSA-014
ACTIVE MATTER (Mw = 247, %) :	29 - 31	KCSA-129
FREE AMINE (Mw = 231, %) :	0.5 max.	KCSA-112
HYDROGEN PEROXIDE (as H ₂ O ₂ , %) :	0.2 max.	KCSA-040



OXIDET® DM-246

TYPICAL PROPERTIES

DENSITY (20°C, g/mL, "spot") :	0.966 approx.
VISCOSITY (20°C, cPs) :	150 max.
SOLUBILITY IN WATER (g/ml) :	Soluble
MELTING POINT (°C) :	< -5°C
MICROBIOLOGICAL CONTROL (cfu/g) :	10 max.
ALKYL CHAIN (%) :	C12 : 41 - 45 C14 : 47 - 51 C16 : 7 - 9 C18 : < 2
HEAVY METAL (ppm) :	Cobalt : < 0.2 Nickel : < 0.2 Cooper : < 0.2 Iron : < 0.2 Manganese : < 0.2
CHARACTER :	Non-Ionic / Cationic (pH dependence)

APPLICATION PROPERTIES

- OXIDET® DM-246 is an excellent foam booster in mixtures of surfactants.
- OXIDET® DM-246 is stable in sodium hypo-chlorite solutions, at basic pH, performing as perfume solubilizer and thickener.
- OXIDET® DM-246 is also stable in the presence of electrolytes and hard water.

STORAGE – HANDLING – SHELF LIFE

- OXIDET® DM-246 is chemically stable for a long period of time under appropriate storage conditions (temperature of 25°C 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 25-30°C. A general advice is to use the complete container every time.
- The shelf life of OXIDET® DM-246 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.
- Avoid direct sunlight.

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