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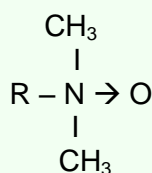
APROVADO

Dep. Qualidade

OXIDET® DMCLD

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

CHEMICAL IDENTIFICATION



R = Coconut

Chemical Name : Alkyl Dimethyl Amine Oxide

CAS Number : 308062-28-4

TECHNICAL SPECIFICATIONS

		Kao Method
COLOUR (Apha) :	100 max.	KCSA-207
ACTIVE MATTER (Mw = 240, %) :	29 - 31	KCSA-129
FREE AMINE (Mw = 224, %) :	1.0 max	KCSA-112
PEROXIDES VALUE (as H ₂ O ₂ , %) :	0.1 max	KCSA-040
pH (5% in water) :	6.0 - 8.0	KCSA-014



OXIDET[®] DMCLD

TYPICAL PROPERTIES

APPEARANCE (20°C) :	Yellowish transparent liquid
SOLUBILITY IN WATER (g/ml) :	Soluble
VISCOSITY :	Slightly viscous liquid
MELTING POINT (°C) :	-4 / +2
DROPPING POINT (°C) :	Around + 2
ALKYL CHAIN (%) :	Coconut type
HEAVY METAL (ppm) :	Cobalt : < 0.5 Nickel : < 0.5 Cooper : < 0.5 Iron : < 0.5
CHARACTER :	Non-Ionic / Cationic (pH dependence)

APPLICATION PROPERTIES

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

STORAGE – HANDLING – SHELF LIFE

- OXIDET[®] DMCLD 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[®] DMCLD 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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