



ALPACASA

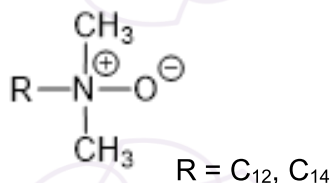
## Technical Data Sheet

### OXIDET® DMCLD

The corresponding product is also available in compliance to RSPO rules. In this case the product name is followed by the suffix "MB", which can be found in related order documents, e.g. invoices and/or delivery notes. All these documents also include our RSPO certification number: CU-RSPO SCC-819585

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

#### CHEMICAL IDENTIFICATION



INCI / Chemical Name: Lauramine Oxide  
EU CAS Number: 308062-28-4  
US CAS Number: 61788-90-7

#### TECHNICAL SPECIFICATION

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



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**TYPICAL PROPERTIES**

APPEARANCE (20°C):	Yellowish transparent liquid
WATER SOLUBILITY (20°C):	Soluble
VISCOSITY:	Slightly viscous liquid
MELTING POINT (°C):	-4 / +2
DROPPING POINT (°C):	Around + 2
ALKYL CHAIN:	C <sub>12</sub> , C <sub>14</sub>
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 AND HANDLING**

- OXIDET® DMCLD 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 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.

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. Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

