

Technical Data Sheet

GENAMINOX[®] LA

CLARIANT CHEMICALS(China) Ltd.

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BUSINESS UNIT INDUSTRIAL &
CONSUMER SPECIALTIESwww.ics.clariant.comwww.clariant.com

Special surfactant for the detergent industry

Composition	Alkyl dimethyl amine R = C12-C18
INCI Name:	Cocamine oxide

Product properties ¹

Appearance (20 °C)	Colourless to pale yellow, clear liquid
Concentration	Approx. 30 %
Water (Karl Fischer method)	Approx. 70 %
Free hydrogen peroxide	Max. 0.09 %
Free amine	Max. 0.7 %
Viscosity (Brookfield RVT, sp. 1 at 50 rpm)	< 100 mPas
Density	0.97 g/cm ³
pH value (1 % a.i. in water)	6.0–8.0

Technical properties

Chemical stability at all pHs

Compatible with non-ionic, anionic and cationic surfactants - good wetting properties

Good foam at all pHs, in hard or soft water and in the presence of electrolytes foam stabilizing and boosting effect and improvement of the foam structure

thickening effect in combination with other sulphates, with increasing molecular weight

Thickening effect in combination with Medialan LD in formulation of hypochlorite cleaners

Solubilizing properties

¹ These characteristics are for guidance only and not to be taken as product specifications. The tolerances are given in the product specification sheet. For further product properties, specifications, safety and ecological data, please refer to the MSDS.

Conditioning effect in hair preparations
Good dermatological and toxicological properties
Biodegradability

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Application

Hypochlorite cleaners

For production of hypochlorite cleaners with good stability and viscosity building.

Concentration approx. 3 – 10 % in combination with Medialan LD.

Dish-washing machine rinsing agents.

To improve the dermatological properties and also the cleaning and degreasing properties.

Storage

Genaminox LA can be stored for at least 2 years in original sealed containers at room temperature under the recommended conditions. Protect from exposure to cold during transport and storage. The properties of Genaminox LA are reversibly altered by exposure to cold. If Genaminox LA becomes turbid, thickens or freezes through exposure to cold, thaw slowly at room temperature and afterwards stir briefly.

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