

Technical Data Sheet

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Page 1, Total 1

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Item Name:

0A-12

PRODUCT INFORMATION

Chinese Name:	月桂基胺氧化物
Commodity Name:	OA-12
Chemical Name:	Lauramine Oxide
Other Name:	Lauryl Dimethyl Amine Oxide, N,N-dimethyldodecylamine-N-oxide
CAS No.:	1643-20-5
Molecular Weight:	228.395
Molecular Formula:	$C_{12}H_{25}N(CH_3)_2 \rightarrow O$

PRODUCT DESCRIPTION

It's widely used in combination with anionic, cationic, nonionic and amphoteric surfactants, and it can significantly improve the overall performance of the product.

It has good thickening, antistatic, soft, foaming and decontamination properties.

Excellent washing performance, rich and stable foam, mild nature, excellent antistatic and softness.

Low irritation, it can effectively reduce the anionic irritant in detergent, and also has the characteristics of sterilization, calcium soap dispersion and biodegradation.

TECHNICAL SPECIFICATION

Index	Standard
Appearance (25°C)	Colorless to light yellow transparent liquid
Activity matter by wt %	30.0±2.0
H ₂ O ₂ by wt %	0.2 max
pH value (sol. 10%)	6.0-8.0
Color (Hazen)	40 max

MAIN APPLICATION

Widely used in the preparation of dishwashing detergents, shower gels, hand soaps, textile auxiliaries and other hard surface cleaners.

The recommended dosage: 2.0~15.0%.

PACKING, LOADING AND SHELF LIFE

Packing: 200kg/ plastic drum, 1000kg/ IBC

Loading: 80 drums (16mt)/ 20'fcl, 20 IBCs (20mt)/ 20'fcl

Shelf Life: 12 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.