

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

TECHNICAL DATA SHEETS

1. Product name:

Lauramine oxide

2. Chemical Name:

LDAO;

Lauryl dimethylamine oxide;

Dodecyl dimethylamine oxide;

Dimethyl dodecylamine N-oxide;

N-Lauryl dimethylamine N-oxide;

N-dodecyl-N,N-dimethylamine oxide;

N,N-dimethyl-1-dodecanamine N-oxide

3. CAS No.:1643-20-5/308062-28-4

4. MF:C₁₄H₃₁NO

5. MW:229.4

6. Technical specifications

Item	Specifications	Results
Appearance	Yellowish transparent liquid	Conforms
Free amine	≤0.5%	0.28%
Free peroxide	≤0.5%	0.36%
pH value	6~8	7
Color	≤100	60
Solid content	≥29%	29.6%
Conclusion	The results conforms with enterprise standards	

7. Usage

Lauramine oxide is a colorless and transparent liquid with excellent washing performance, rich and stable foam, mild mild irritancy and excellent antistatic and softness. Lauramine oxide is mainly used as a foaming and foam stabilizer in dishwashing detergents, shampoos, bath lotions and liquid detergent formulations, which can improve the compatibility of thickeners and the overall stability of

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products.

8. Package

200kg/drum