

Taian Green Industry Co., Ltd.

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TECHNICAL DATA SHEETS

1. Product name:

Myristamine oxide

2. Chemical Name:

Myristyl dimethylamine oxide;

Tetradecyldimethylamine oxide;

Dimethyl(tetradecyl)amine oxide;

N,N-dimethylmyristylamine N-oxide;

N,N-dimethyltetradecylamine N-oxide;

N,N-dimethyltetradecan-1-amine oxide;

N,N-dimethyl-1-tetradecanamine-N-oxide

3. CAS No.:3332-27-2

4. MF:C₁₆H₃₅NO

5. MW:257.46

6. Technical specifications

Item	Specifications	Results
Appearance	Colorless to yellowish transparent liquid	Colorless transparent liquid
Color(Hazen)	≤50	35
pH value	6~8	7
Active content	24~26%	24.3%
Free amine content	≤0.7%	0.5%
Hydrogen peroxide content	≤0.2%	0.1%
Conclusion	The results conforms with enterprise standards	

7. Usage

Myristamine oxide is widely compatible with anionic, cationic, nonionic and amphoteric surfactants to significantly improve the overall performance of the product; it has good thickening, antistatic, softening, foaming and stain removal properties; excellent washing performance, foam It is rich and stable, mild in nature, has excellent antistatic and softness; low irritation, can effectively reduce the anionic

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irritancy in detergent, and also has the characteristics of sterilization, calcium soap dispersion and biodegradation. It is widely used in the preparation of dishwashing detergents, shower gels, hand soaps, textile auxiliaries and other hard surface cleaners.

8. Package

200kg/drum