

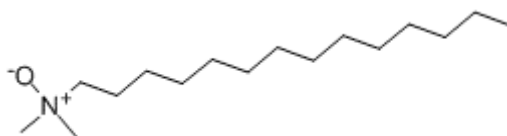
Tetradecyl Dimethyl Amine Oxide (OA-14) (OA-14)

CAS No. 3332-27-2

Molecular Formula: C₁₆H₃₅NO

Molecular weight: 257.46

Structural Formula:



Properties:

[Tetradecyl Dimethyl Amine Oxide \(OA-14\)](#) is an amine oxide based zwitterionic surfactant with a C14 (tetradecyl) alkyl tail. It is used as a foam stabilizer and hair conditioning agent in some shampoos and conditioners. Like other amine oxide based surfactants it is antimicrobial, being slightly more effective than lauryldimethylamine oxide against the common bacteria *S. aureus* and *E. coli*.

Specification:

Items	Index
Appearance	Light yellow transparent liquid
Active content, %	25% min
Free amine, %	1.0 max
PH(10% water solution)	6.0-9.0

Usage:

[Tetradecyl Dimethyl Amine Oxide \(OA-14\)](#) mainly used in shampoo, make the hair

more supple, easy to comb, foam delicate, rich luster, can also be used for tableware, bathroom, building walls and other hard surface cleaning agent, to give the product to thickening, synergism and reduce irritation.

Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement. Storage for one year in shady room and dry place.

Safety Protection:

A little smell of almond, no visible stimulation to skin. When contacted, flush with water.

Synonyms:

[N,N-DIMETHYL-TETRADECYLAMINE OXIDE](#)

[MYRISTYL DIMETHYLAMINE OXIDE](#)

[1-Tetradecanamine,N,N-dimethyl-,N-oxide](#)

[n,n-dimethyl-1-tetradecanaminn-oxide](#)

[n,n-dimethyltetradecylaminen-oxidesol](#)

[N,N-dimethylTetradecylamine-N-oxide](#)

[MYRISTAMINE OXIDE](#)

[Tetradecyldimethylamineoxide](#)

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