



APROVADO

Dep. Qualidade

amphoteric surfactants

FLAVOL AOM

FLAVOL AOM is myristyl dimethylamine oxide based on natural C₁₄ tertiary amine.

INCI Myristamine Oxide
CAS no. 3332-27-2
EC no. 222-059-3

PRODUCT SPECIFICATIONS

Property	Analytical method	Specification
appearance at 20 °C		clear viscous liquid
ionic character		amphoteric
density at 20 °C, g/cm ³ , approx.		0.97
viscosity at 20 °C, mPa.s, approx.		1000
* active matters (Mw = 257), % wt.	EN 03/c	25 ± 1
* free amine (Mw = 241), % wt., max.	EN 06/a	0.5
* free peroxide, % wt., max.	EN 10/a	0.1
* pH, 5% aqueous solution	EN 08/a	6.0 – 8.0
* colour, °Klett, 5% a. m., 4 cm cuvette, max.		20

* parameters stated in the CoA

ADDITIONAL CHARACTERISTICS

- prolific foam boosting profile
- compatibility with all types of surfactants
- stable in strongly acidic and alkaline systems where it shows resistance to hydrolysis
- mildly cationic under acidic conditions
- stable in bleaching solutions
- stable in hard water
- readily biodegradable

MAIN APPLICATIONS

FLAVOL AOM is an amine oxide with high foam profile and foam stability. It not only acts as a cleaning agent but also possesses outstanding emulsifying and conditioning properties.

FLAVOL AOM is therefore used as a viscosity builder and co-surfactant in highly acidic and alkaline systems, especially in thickened hypochlorite products. The higher molecular weight compared to lauramine oxide provides higher softness and conditioning properties as well as stronger viscosity boosting.

FLAVOL AOM is also used in a variety of personal care products such as shampoos, shaving creams, hair conditioners, bubble baths, facial masks and hand soaps.

PRODUCT HANDLING, STORAGE AND PACKAGING

FLAVOL AOM causes skin irritation and serious eye damage. Standard safety precautions should be followed when handling the product. Staff should be instructed on hazardous properties of the product and protection against its effects. When handling the product use protective gloves, protective clothing and eye/face protection. Eating, drinking and smoking at the workplace should be avoided and basic rules of work hygiene should be

adhered to. Workers should wash hands and face thoroughly after handling. Detailed information on product classification, safe handling and first aid measures is given in the corresponding MSDS.

FLAVOL AOM should be stored in original tightly closed packages or stainless steel, polyethylene or fiberglass tanks at temperatures between 10 – 40 °C. Avoid overheating or freezing. The product should be kept in covered, locked-up, cool, dry places, protected from moisture and climatic influences. Containers that have been opened must be carefully resealed after each use. If the product gets frozen, mild heat and agitation are recommended to ensure the material is homogeneous before use. Under the conditions above, shelf life is 1 year from the date of shipment. Not observing the storage conditions may lead to deterioration of the product characteristics. In such case the manufacturer does not guarantee for the quality of goods.

FLAVOL AOM is delivered in bulk road tanks, 220l PE drums or IBC containers. Other package sizes may be agreed on upon request.

PRODUCER AND SUPPLIER

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Note:

Data about the product characteristics and usage have been obtained by laboratory measurements and application tests. They are provided in good faith and they represent our best knowledge of the product. However, all the information contained herein has solely technical and non-binding character serving merely for our customers' orientation. Actual use of the product has to be adjusted to particular conditions while respecting the patent claims and copyrights. Binding qualitative parameters of the product are subject of contract or qualitative specification of the producer. Reprinting or publishing of information from this sheet is permitted only with the approval of the producer.