

*amphoteric surfactant*APROVADO
DEP. DE QUALIDADE

FLAVOL KDA 30

FLAVOL KDA 30 is an aqueous solution of cocamidopropyl betaine based on coconut oil.

INCI Cocamidopropyl Betaine

CAS no. 147170-44-3

EC no. 931-333-8

PRODUCT SPECIFICATIONS

Property	Analytical method	Specification
appearance at 20 °C		clear colourless to slight yellowish liquid
ionic character		amphoteric
*active matters, % wt.	EN 03/c	29 – 31
*sodium chloride, % wt.	EN 20/a	4.5 – 6.0
density at 20 °C, g/cm ³ , approx.	EN 23/b	1.05
viscosity at 20 °C, Pa.s, approx.	EN 25/c	160
*pH, 3% aqueous solution	EN 08/a	5.0 – 7.0

* parameters stated in the CoA

ADDITIONAL CHARACTERISTICS

- excellent foam profile and stability (also in hard water);
- very good tolerance with skin & mucous membranes and ability to positively affect dermatological properties of the whole formulation;
- conditioning effect on hair & skin;
- compatibility with other types of surfactants;
- ability to control viscosity behaviour.

MAIN APPLICATIONS

FLAVOL KDA 30 is used as a foam booster, foam stabilizer and thickener in formulations of cosmetic and HI&I products, such as shampoos, bath products, hand soaps, bubble baths, cleansing lotions, baby products, cream rinses and hair conditioners.

FLAVOL KDA 30 also possesses outstanding emulsifying and antistatic properties that are exploited in a handful of other industries such as fire-fighting, oil fields and construction chemicals.

PRODUCT HANDLING, STORAGE AND PACKAGING

FLAVOL KDA 30 is a corrosive liquid causing serious eye damage and skin irritation. Standard safety precautions should be followed when handling the product. Staff should be instructed on hazardous properties of the product and protected against its effects. When handling the product use protective gloves or protective shield. Eating, drinking and smoking at the workplace should be avoided and basic rules of work hygiene should be adhered to. Detailed information on product classification, safe handling and first aid measures is given in the corresponding MSDS.

FLAVOL KDA 30 should be stored in original tightly closed packages at temperatures between 0 – 30 °C. The product should be kept in covered, locked-up, cool, dry places, protected from moisture and climatic influences. Storage temperature may exceed 30 °C for a short time but should not exceed 50 °C. Under the conditions above,

shelf life is 2 years 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 KDA 30 is delivered in bulk road tanks, IBC containers or 220l PE drums. 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.