

Cocoamine Ethoxylate (KECA)



KIMYAGARAN
Emrooz
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Technical Data Sheet



Cocoamine Ethoxylates (KECA)

Chemical Name:

Cocoamine Polyethylene Glycol Ether

Trade Name:

KECA

Introduction:

Cocoamine Ethoxylates are nonionic surfactants which are such as all kinds of other nonionic surfactants mixtures varying in the number of repeating ethoxy groups. The digit which is appeared after the name of KECA shows the average number of ethylene oxide units in the Coco amine Ethoxylates molecule. For example, KECA 20 means a cocoamine molecule which is reacted with average twenty molecules of ethylene oxide.

General Applications:

Cocoamine Ethoxylates are used in a wide variety of applications. They have been developed for use as emulsifier in metal treatment formulations, emulsifier in oil additive formulations, textile auxiliary or as intermediates to produce quaternary ammonium salts.

KECA with high HLB could be a great nonionic emulsifier. It finds applications in leather and textile processing aids, paints, inks, cosmetics, petroleum products, synthetic fiber manufacture and production of paper and plastic products as emulsifiers, dispersants, wetting agents and dye leveling agents. It is miscible with cationic and anionic surfactants and used as adjuvant in pesticide and herbicide formulation.

KECA is stable in acidic and alkaline media.

**Packaging:**

Packaging Type	Net weight	Gross weight	No. of drums per pallet	No. of pallets in a 20 FLC	Shelf life	IMCO Class
New Steel Drums	220 Kgs	238 Kgs	4	20	2 yrs	Non-Imco

Notice:

We can produce other types of Cocoamine Ethoxylates (KECAs), moreover customized packaging will be available according to customer's request.

Safety, Handling & Storage:

Full information on the safety, handling and storage of KECAs is available in the corresponding Material Safety Data Sheet ([MSDS](#)).



Ethoxylated Coco Amine -20EO

Trade Name: **KECA 20**

Specification

No.	Test	Standard	References
1	Appearance at 25°C	Liquid	---
2	pH (5% in water)	alkaline	ASTM E70
3	HLB, calculated	16.37	---
4	Amine value, mg KOH/g	41-61	ASTM E2073
5	Water, percent	Max.1	ASTM E203

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