

# Castor Oil Ethoxylate (KECAS 36)



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**Technical Data Sheet**



## Castor Oil Ethoxylates (KECAS 36)

### Chemical Name:

Castor Oil Polyethylene Glycol Ether

### Trade Name:

KECAS 36

### Introduction:

Castor oil ethoxylate is a polyethylene glycol derivative of Castor Oil with an average of 36 moles of ethylene oxide.

### General Applications:

Castor oil ethoxylates are used as Detergents, Dyeing Assistants, Emulsifiers, Wetting agents, viscosity control agent, dispersant, lubricant, solubilizing agent and emollient in both industrial and cosmetic formulations such as metal working, personal care products, emulsion polymerization and textile. Castor oil ethoxylates are commonly formulated with the calcium salt of a linear or branched chain dodecyl benzene sulphonate as balanced pair surfactants for emulsifiable concentrate formulations.

### 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 Castor Oil Ethoxylates (KECASs), moreover customized packaging will be available according to customer's request.

**Safety, Handling & Storage:**

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



## Ethoxylated Caster Oil-36EO

Trade Name: **KECAS 36**

### Specification

No.	Test	Standard	References
1	Appearance at 25°C	Yellow liquid	Visual
2	Hydroxyl Value, mg KOH/g	60 - 75	USP43-NF38
3	Specific gravity	1.04 – 1.06	USP43-NF38
4	pH (5% in water)	5-7	ASTM E70
5	HLB, calculated	12.3	USP43-NF38
6	Acid Value, mg KOH/g	Max. 2.0	USP43-NF38
7	Cloud point, °C (10% in 25%BDG)	65-75	USP43-NF38
8	Saponification value, mg KOH/g	55-70	USP43-NF38
9	Water, percent	Max. 3.0	USP43-NF38

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