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## HAJ Cetareth-25

INCI name: C16~18 fatty alcohol polyoxyethylene ether

CAS No: 68439-49-6

### SPECIFICATION

Appearance	White flakes
Odor	Characteristic
Active content	> 99.7%
pH (1% aqueous solution)	5.0-7.0

### HAJ Cetareth - 25

#### Function/use(s):

Used as emulsifier, levelling agent, penetrating agent, additive, foaming agent, stabilizer/lubricant, solubilizing agent, softening agent, antistatic agent, dispersing agent, parting agent, degreasing agent, plasticizing agent, thickening agent, viscosity conditioning agent etc.

Appearance : white microbeads

Degree of ethoxylation: 25

HLB value: 15-17

#### Solubility:

HAJ Cetareth – 25 dissolve in water and alcohol to form either a colloid or a clear solution.

They are soluble in vegetable and mineral fats and oils.

#### Miscibility:

The warm emulsifiers can be mixed with mineral, vegetable, and synthetic fats and oils, as well as with fatty alcohols, fatty acids, mono- and di-stearates, and with polyethylene glycols.

#### Resistance to electrolytes:

In aqueous solution, HAJ Cetareth – 25 is largely resistant to acids, bases and salts. The presence of these electrolytes does not impair the product's efficiency as emulsifying agent.

**Application:**

grades are oil-in-water emulsifiers and are used for the production of ointments, creams, liquid emulsions, gels and other cosmetic preparations.

It can be used for oils with a wide range of polarities. Creams and lotions can be produced without problems.

If HAJ Cetareth 25 is used together with cetyl or stearyl alcohol or both, homogeneous ointment and cream bases are obtained that can absorb as much as 90% water.

HAJ Cetareth – 25 is a very efficient protective colloid and can increase the stability of dispersed systems.

In concentrations of 21-30%, HAJ Cetareth – 25 forms gel-like, brushable hydrates with water.