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## ® Emulsogen HCO 040

Solubilizer for cosmetic products

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### Composition

Hydrogenated castor oil, ethoxylated

### INCI name

PEG-40 Hydrogenated Castor Oil

### Product properties <sup>\*)</sup>

#### Appearance [ 20 °C ]

Paste

#### Chemical / Physical Data

pH (10 % in water)	6.0 – 7.0
Gardner colour number	max. 2
Water content (%)	max. 2.0
Acid number (mg KOH/g)	max. 1.0
Saponification value (mg KOH/g)	50 - 60
OH number (mg KOH/g)	60 - 75
HLB value	14 - 16

#### Manufacture

Emulsogen HCO 040 is produced by ethoxylation of hydrogenated castor oil.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

<sup>\*)</sup> These characteristics are for guidance only and not to be taken as product specifications. The tolerances are given in the product specification sheet. For further product properties, specifications, safety and ecological data, please refer to the MSDS.

### Solubility

Emulsogen HCO 040 is soluble in water, ethanol, isopropyl alcohol or n-propanol.

### Compatibility

Emulsogen HCO 040, a nonionic solubilizer, is stable in water-alcoholic solutions and compatible with most other ingredients used in cosmetic solutions.

### Application

Emulsogen HCO 040 is used for solubilizing etheric oils and fragrances in water-alcoholic solutions and solely water solutions in amounts of 1 to 2 g for 1 g etheric oil or fragrance.

### Storage instructions

Emulsogen HCO 040 must be stored in tightly closed original containers. Under these conditions it has good storage stability

Further information on handling, storage and dispatch is given in the EC safety data sheet.