

Castor Oil

Castor Oil is supplied in the Oils range for industrial formulation and processing enquiries.
CAS No. 61791-12-6.

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Product Name: RHEOSURF COE
CASTOR OIL ETHOXYLATES (NON-IONIC)
CAS Number: 61791-12-6

DESCRIPTION/APPLICATIONS:

RHEOSURF COE is ethoxylated castor oil respectively. Members within each range have different degrees of ethoxylation (moles) units as indicated by their numerical suffix (n). The RHEOSURF COE has excellent emulsifying, and diffusion properties soluble in water, fatty acid or other organic solvents, can be used in textile industry as the main ingredients of the synthetic fiber spinning oil, used as an emulsifier in the pharmaceutical industry, pesticide emulsifier, emulsion polymerization emulsifiers for the preparation of water-soluble metal cutting fluid. May be employed as either the primary or secondary emulsifier in both oil-in-water and water-in-oil cosmetic emulsions.

Specification Data:

Product name	Appearance (25°C)	Saponification value (mgKOH/g)	Cloud point (°C)	HLB
COE -10	Slightly yellow to yellow Liquid.	121	—	6.2
COE -11		123	50 ⁽²⁾	6.5
COE -20		91	—	9.7
COE -30		73	55 ⁽¹⁾	11.7
COE -40		64	75 ⁽¹⁾	13
COE -56	Slightly yellow to yellow Paste	47	68 ⁽³⁾	14
COE -60		47	90 ⁽¹⁾	14.5
COE -80		38	---	15.8
COE -85		34	75 ⁽³⁾	16.5
COE -90		34	---	17

(1) 1% aqueous solution (2) 10% sample in 25%BDG solution (3) 1% sample 5%NaCl solution

For more information on Safety and Storage, please refer to our MSDS.

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