

78084 Ethomeen® C 12

Cocobis(2-hydroxyethyl)amine
CAS No.: 61791-31-9

Ethomeen® C/12 is a tertiary amine ethoxylate, based on a primary coco amine.

Specification

	Limits	Method
Color	max 300 Hazen	SC/2.002*
Equivalent Mass	275-295	VE/7.001*
Tertiary Amine	min 97%	VE/7.001*
Water	max 1%	VE/4.003*

*Methods of analysis can be received upon request.

Typical Data

Chemical and physical data

	Typical values
Active content	100 %
Appearance, 20°C	liquid
Clear point	12°C
Cloud point, 5g product in 25ml 25% butyl diglycol	48°C
Density, 20°C	910 kg/m ³
Flash point (Pensky-Martens c.c)	>100°C
Pour point	8°C
Viscosity, 20°C	150 mPa s

Surface active characteristics

	Typical values
Foam height, mm, according to Ross-Miles, 50°C, 0.05%	immediately: 30 mm after 5 min: 25 mm
Surface tension according to Du Noüy, 25°C, 0.1%, DIN 53 914	27 mN/m
Wetting power according to Draves, 25°C, 0.1%	100 sec

Solubility

The solubility of 5% **Ethomeen® C/12** at 20°C is as follows:

Ethanol	soluble
Isopropyl alcohol	soluble
Low aromatic solvent	soluble
Propylene glycol	soluble
Water	dispersible
White spirit	soluble
Xylene	soluble

Alkyl Chain Distribution

	Typical values
Alkyl chain dist C ₈	5%
Alkyl chain dist C ₁₀	6%
Alkyl chain dist C ₁₂	50%
Alkyl chain dist C ₁₄	19%
Alkyl chain dist C ₁₆	10%
Alkyl chain dist C ₁₈	10%

The specifications and properties listed above are intended for products manufactured in Europe.

Application

Ethomeen® C/12 can be used:

- as emulsifier

Handling

Ethomeen® C/12 should always be homogenized before use, unless the entire quantity is used.