

78084 Ethomeen® C 12

Cocobis(2-hydroxyethyl)amine

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

INCI Name: PEG-2 Cocoamine
CAS no.: 61791-31-9

Specification

Appearance:	liquid	
Color:	max 300 Hazen	AB-46-1201
Equivalent mass:	275 – 300	AB-46-1234
Tertiary amine:	min 97 %	AB-46-1237
Water content:	max 1 %	AB-46-1305

Typical Data

Chemical and physical data

pH Value:	9 – 11 (1% in H ₂ O)
Active content:	100 %
Clear point:	12°C
Cloud point (5% product in 25 ml 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

Typical values

Surface active characteristics

Foam height (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

Typical values

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.