

78086 Ethomeen® C 25

Polyoxyethylene(15)cocoamine
CAS No.: 61791-14-8

Ethomeen® C/25 is a tertiary amine ethoxylate, based on a primary coco amine.

INCI Name: PEG-15 Cocoamine
CAS no.: 61791-14-8

Specification

	Limits	Method
Color	max 10 Gardner	SC/2.001
Equivalent Mass	826-909	VE/7.001
Tertiary Amine	min 98%	VE/7.001
Water content	max 0.5%	VE/4.003

Typical Data

Chemical and physical data

	Typical values
Active content:	100 %
Appearance (20°C):	clear liquid
Clear point:	10°C
Cloud point, 1% in 10% NaCl:	84°C
Density (20°C):	1045 kg/m ³
Flash point (Pensky-Martens c.c):	>100°C
pH, 1% in water:	9 - 11
Pour point	< 0°C
Viscosity (20°C)	200 mPa·s

Surface active characteristics

	Typical values
Foam height, mm, according to Ross-Miles, 50°C, 0.05%	immediately: 110 mm after 5 min: 5 mm
Surface tension according to Du Noüy, 25°C, 0.1%, DIN 53 914	38 mN/m
Wetting power according to Draves, 25°C, 0.1%	> 600 sec

Solubility:

The solubility of 5% **Ethomeen® C/25** at 20°C is as follows:

2-Propanol	soluble
Ethanol	soluble
Low aromatic solvent	insoluble
Propylene glycol	soluble
Water	soluble
White spirit	insoluble
Xylene	soluble

Alkyl Chain Distribution

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

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

Application:

Ethomeen® C/25 can be used:

- emulsifier in metal treatment formulations
- emulsifier in oil additive formulations
- textile auxiliary
- emulsifier

Handling:

Ethomeen® C/25 should always be homogenized before use, unless the entire quantity is used.