

MARLOX 80

Technical Data Sheet No. 2814 – July 2020

Distribuito da:



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Product Description

MARLOX 80 is a fatty alcohol poly-glycol ether, based on LIAL 111, ethylene oxide and propylene oxide. It is manufactured in Terranova dei Passerini (LO) plant.

EINECS no. 940-634-3

Sales Specification

Property	Test Method	Unit	Guaranteed Value ¹
√ Appearance at 25°C	Visual	-	Clear liquid
√ Colour	RCM 3668	APHA	≤ 100
√ Cloud point (1% in water)	RCM 3646	°C	54 – 56
√ pH (5%)	RCM 3645	-	5,0 – 7,0
√ Free Water (Karl Fischer)	RCM 3804	% mass	≤ 0,50

√ value reported on inspection certificate.

¹ specification No. 1390 rev. 1 of February 6th 2006.

Additional Properties

Property	Test Method	Unit	Typical Value
Average Molecular weight	Calculated	g/mol	641
Viscosity at 25°C	ASTM D7042	cSt	62
Density at 25°C	ASTM D7042	kg/m ³	997
Flash point	ASTM D 93	°C	> 125

RCM are Sasol Italy analytical methods, internal or referred to international standard. Additional information available upon request.



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Main Applications

MARLOX 80 is a low foaming non-ionic surfactant used as wetting agent.

In textile field MARLOX 80 is used as wetting agent in scouring, bleaching and dyeing auxiliaries.

In detergency field MARLOX 80 is used as non-ionic surfactant in Hard Surface Cleaners and floor cleaners.

Handling and Storage

MARLOX 80 should preferably be stored in stainless steel tanks.

It is suggested to keep the product at temperature below 30°C, it is preferable to avoid heating above 50°C and to store under nitrogen in order to minimise yellowish phenomena.

MARLOX 80 is a clear liquid at room temperature it becomes a solid wax at temperature lower than 10°C. Improvement of appearance and handling at low temperature can be achieved by mixing the product with 15 weight% water.

MARLOX 80 is water soluble at room temperature up to 25 weight%.

Shelf-life is 36 months from production date for product in its original and sealed packaging.

Packaging

MARLOX 80 is generally supplied in drums, details on available packaging can be obtained from sales department.

Data regarding safety, transport classes, toxicology and biodegradability of the product can be obtained from the corresponding material safety data sheet.

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