

# MARLOX LF 9353

Technical Data Sheet No. 2815 – March 2020



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## Product Description

MARLOX LF 9353 is a fatty alcohol poly-glycol ether, based on LIAL 125, ethylene oxide and propylene oxide.

It is manufactured in Terranova dei Passerini (LO) plant.

CAS registry no. 120313-48-6  
EINECS no. 639-733-1

## Sales Specification

Property	Test Method	Unit	Guaranteed Value <sup>1</sup>
√ Appearance at 25°C	Visual	-	Cloudy liquid
√ Iodine Colour	RCM 3668	gr Iodine/100 gr	≤ 1,0
√ Cloud point (10% in BDG at 25%)	RCM 3646	°C	34,0 – 37,0
√ pH (2%)	RCM 3645	-	5,0 – 7,0
Free Water (Karl Fischer)	RCM 3804	% mass	≤ 1,0

√ value reported on inspection certificate.

<sup>1</sup> specification No. 2618 rev. 1 of April 24<sup>th</sup> 2009.

## Additional Properties

Property	Test Method	Unit	Typical Value
Average Molecular weight	Calculated	g/mol	550
Viscosity at 25°C	ASTM D7042	cSt	50
Density at 25°C	ASTM D7042	kg/m <sup>3</sup>	950
Pour point	ASTM D 97	°C	– 20
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 LF 9353 is a very low foaming agent.

In detergency field MARLOX LF 9353 is used as low foaming surfactant in Dish Washing formulations for Automatic Dish Washing system.

MARLOX LF 9353 can be used in extreme agitated systems due to its low foaming behaviour.

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## Handling and Storage

MARLOX LF 9353 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 LF 9353 is a cloudy liquid at room temperature it becomes a solid wax at temperature lower than -20°C. MARLOX LF 9353 is not water soluble at room temperature.

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

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## Packaging

MARLOX LF 9353 is generally supplied in drums, details on available packaging can be obtained from sales department.

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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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