



Distribuito da:



Tellerini s.p.a.

Via Bonazzi, 36
40013 Castel Maggiore (BO)
Tel: +39 051 6322111
Fax: +39 051 715380
sicurezza@tellerini.it
www.tellerini.it

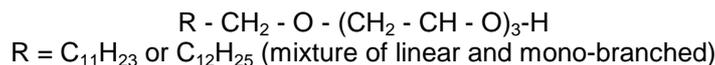
LIALET 123-3

Technical Data Sheet No. 1353 – July 2016

SASOL

Product Description

LIALET 123-3 is a fatty alcohol polyethyleneglycol ether, based on LIAL 123 and ethylene oxide (about 3 moles). It is manufactured in Terranova dei Passerini (LO) plant. The chemical structure is the following:



CAS registry no. 160901-19-9
EINECS no. 931-954-4
INCI C12-13 PARETH-3

Sales Specification

Property	Test Method	Unit	Guaranteed Value ¹
√ Appearance at 25°C	ASTM E284	-	Cloudy liquid
√ Colour	EN 1557	APHA	≤ 50
√ Cloud point (10% in BDG at 25%)	EN 1890	°C	52 – 54
√ Hydroxyl number	EN 13926	mg KOH / g	168 – 174
Molecular weight	Calculated	g/mol	322 – 334
Polyethylene glycols	EN 12582	% mass	≤ 2,0
√ pH (5%)	EN 1262	-	5,0 – 7,0
√ Free Water (Karl Fischer)	ASTM E203	% mass	≤ 0,10

√ value reported on inspection certificate.
¹ specification No. 1530 rev. 3 of July 5st 2016.

Additional Properties

Property	Test Method	Unit	Typical Value
Ethylene Oxide content	Calculated	%w/w	41
HLB	Calculated	-	8,2
Pour point	ASTM D 97	°C	-3 – +3
Viscosity at 50°C	ASTM D445 / ASTM D7042	cSt	13
Density at 50°C	ASTM D7042 / ASTM D4052	kg/m ³	930
Flash point	ASTM D 93	°C	> 125

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



SASOL

LIALET 123-3

Technical Data Sheet No. 1353 – July 2016

Main Applications

LIALET 123-3 is a raw material for preparation of high active matter ethers sulphates aqueous solutions having low viscosity.

Due to its low number of EO (low HLB value), it is mainly used as a co-emulsifier agent for W/O or O/W emulsions in combination with anionic or non-ionic surfactants with high HLB value.

LIALET 123-3 is a lubricant with anti-static properties in spooling of cotton, acrylic and mixed polyesters/cotton yarns.

Handling and Storage

LIALET 123-3 should preferably be stored in stainless steel tanks.

It is suggested to keep the product at temperature below 40°C, it is preferable to avoid heating above 60°C and to store under nitrogen in order to minimise yellowish phenomena.

LIALET 123-3 is a cloudy liquid at room temperature and it becomes clear liquid at temperature about 35 °C.

LIALET 123-3 becomes a solid wax at temperature lower than 3°C.

At room temperature LIALET 123-3 is not water soluble.

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

Packaging

LIALET 123-3 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.

Sasol Italy S.p.A.

Headquarters
Viale Forlanini, 23
20134 Milano, Italy
Phone +39-02 58453 1
Fax +39-02 58453 285

Technical Customer Support
Via E. Mattei, 4
26827 Terranova dei Passerini (LO), Italy
Phone +39-0377 463 1
Fax +39-0377 463 226

This information is based on our present knowledge and experience. but it is not a guarantee of the performance of our products since the conditions of use are not under our direct control.

However, it implies no liability or other legal responsibility on our part, including any existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. All our business transactions shall be governed exclusively by our General Sales Conditions.

Sasol is a registered trademark of Sasol Ltd. Product trademarks displayed in this document are the property of the Sasol Group of Companies. Users of this document are not permitted to use these trademarks without the prior written consent of their proprietor. All rights not expressly granted are reserved.