

LIALET 123-7-90%

Technical Data Sheet No. 1356 – November 2016



sasol

Distribuito da:

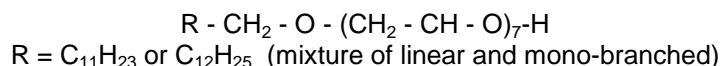


Tellerini s.p.a.

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

Product Description

LIALET 123-7-90% is a fatty alcohol polyethyleneglycol ether, based on LIAL 123 and ethylene oxide (about 7 moles) and diluted with 10 weight% water. 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-7

Sales Specification

Property	Test Method	Unit	Guaranteed Value ¹
√ Appearance at 25°C	Visual	-	Clear liquid
√ Colour	RCM 3668	APHA	≤ 50
√ Cloud point (10% in BDG at 25%) (*)	RCM 3646	°C	76 – 78
√ pH (5%) (*)	RCM 3645	-	5,0 – 7,0
√ Free Water (Karl Fischer)	RCM 3804	% mass	9,0 – 11,0

√ value reported on inspection certificate.
¹ specification No. 1575 rev. 1 of April 24th 2009.
(*) values referred to the product not diluted

Additional Properties

Property	Test Method	Unit	Typical Value
Ethylene Oxide content (*)	Calculated	%w/w	62
HLB (*)	Calculated	-	12,3
Hydroxyl number (*)	RCM 3851	mg KOH / g	108 – 114
Molecular weight (*)	Calculated	g/mol	492 – 520
Polyethylene glycols (*)	RCM 1404	% mass	≤ 3,0
Pour point	ASTM D 97	°C	10
Density at 25°C	ASTM D7042 / ASTM D4052	kg/m ³	1.000
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 123-7-90%

Technical Data Sheet No. 1356 – November 2016

Further information

Heavy metal

Arsenic (As) less than 1 mg/kg	Cadmium (Cd) less than 1 mg/kg
Cobalt (Co) less than 1 mg/kg	Chromium (Cr) less than 1 mg/kg
Copper (Cu) less than 1 mg/kg	Iron (Fe) less than 2 mg/kg
Manganese (Mn) less than 1 mg/kg	Nickel (Ni) less than 1 mg/kg
Lead (Pb) less than 1 mg/kg	Tin (Sn) less than 1 mg/kg
Strontium (Sr) less than 1 mg/kg	Zinc (Zn) less than 1mg/kg

Heavy metal content is periodically checked (ICP method); data given here have to be considered as typical.

Preservative

LIALET 123-7-90% does not contain any preservative. LIALET 123-7-90% is not susceptible to microbial growth because of low water content.

Property	Test Method	Unit	Typical Value
Total Aerobic Microbial Count	Eu.Ph. 5.1.4	CFU/g	< 100
Total Yeasts/Moulds Count	Eu.Ph. 5.1.4	CFU/g	< 10

Microbiological control test is periodically done; data given here have to be considered as typical.

Antioxidants

LIALET 123-7-90% does not contain any antioxidant.

Pesticides

LIALET 123-7-90% does not contain any pesticide.

Product origin

- LIALET 123-7-90% is manufactured from following raw materials:
- Alcohols C₁₂ – C₁₃ linear and branched with synthetic origin
 - Ethylene oxide with synthetic origin

Main Applications

LIALET 123-7-90% is used as detergent product in the wool scouring process and as degreasing in leather treatment.

In metal working field LIALET 123-7-90% shows good dispersing properties for chip or shaving particles.

In the detergency field LIALET 123-7-90% is used in HDL and HDP formulations due to its high emulsification property at medium-low temperature.

In Personal Care field LIALET 123-7-90% is used as solubilizing agent for fragrances, tonic lotions and perfumes.



sasol

LIALET 123-7-90%

Technical Data Sheet No. 1356 – November 2016

Handling and Storage

LIALET 123-7-90% 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 123-7-90% is a clear liquid at room temperature and it becomes a solid wax at temperature lower than 10°C.

At room temperature LIALET 123-7-90% is water soluble up to 25 weight%.

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

Packaging

LIALET 123-7-90% is generally supplied in plastic 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.