



# DIAMMIN KLG-11154

## Technical Data Sheet No. 3356 – November 2015

### Product Description

DIAMMIN KLG-11154 is a mono oleyl amine poly-glycol ether, based on Oleyl amine, ethylene oxide and propylene oxide. It is manufactured in Terranova dei Passerini (LO) plant.

EINECS no. 935-628-2

### Sales Specification

Property	Test Method	Unit	Guaranteed Value <sup>1</sup>
√ Appearance at 25°C	Visual	-	Clear liquid
√ Colour	MPL 1002.0	Gardner	≤ 10
Physical state changement	MPL 1001.0	°C	≤ 0
√ Cloud point (1% in water)	MPL 2001.0	°C	68 – 72
√ Alcalinity number	MPL 1009.0	mg KOH / g	48 – 52
Molecular weight	Calculated	g/mol	1.080 – 1.170
√ Free Water (Karl Fischer)	MPL 1006.0	% mass	≤ 0,50

√ value reported on inspection certificate.  
<sup>1</sup> specification No. 4365 rev. 1 of June 1<sup>st</sup> 2001.

### Additional Properties

Property	Test Method	Unit	Typical Value
Viscosity at 25°C	ASTM D445 / ASTM D7042	cSt	176
Density at 25°C	ASTM D7042 / ASTM D4052	kg/m <sup>3</sup>	1.020
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.



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## Main Applications

DIAMMIN KLG-11154 is used as hydrotone in detergent field, in particular in Hard Surface Cleaner formulation it improves clearness at low temperature.

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## Handling and Storage

DIAMMIN KLG-11154 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 darkening phenomena.

DIAMMIN KLG-11154 is a clear liquid at room temperature and it becomes a solid wax at temperature lower than 0°C. Improvement of appearance and handling at low temperature can be achieved by mixing the product with 30 weight% water to obtain a clear liquid up to a temperature about -8 C°.

Avoid also contact with strong oxidizers and strong acids.

Shelf-life is 24 months from production date for product in its original and sealed packaging.

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## Packaging

DIAMMIN KLG-11154 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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