



Product Information

19.09.2023

MARLOWET R 11

Composition

Fatty acid polyethylene glycol ester

Product data (specification)

Property	Value	Unit	Test method
Appearance at 20 °C	liquid, clear	-	visual
Iodine colour number	≤ 7	mg l/100 ml	DIN EN 1557
Cloud point (10 % in 25 % Butyldiglycol solution)	50 - 55	°C	DIN EN 1890
pH (2 % in fully demin. water)	5 - 7	-	DIN EN 1262
Solubility (20 % in castor oil)	clear	-	visual
Emulsion (2 % of oil solution in fully demin. water)	≥ 1 hour	stable	visual

General product description

Property	Value	Unit	Test method
Molar mass	about 1420	g/mol	calculated
Density at 20 °C	about 1.0	g/ml	DIN 51757
Refractive index n 20/D	about 1.475	-	DGF C - IV 5
Setting point	about - 40	°C	DIN ISO 3841
Flash point	ca. 270	°C	ASTM D 92
Ignition temperature	> 300	°C	DIN 51794
Water	≤ 0.5	% by mass	DIN EN 13267
Viscosity at 20 °C / 50 °C (Brookfield)	about 1000/ 180	mPa s	DIN ISO 2555

Transport and packaging

Road tankers, about 200 kg iron drums

Sasol Germany GmbH

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Managing Director: Dr.-Ing Thomas Tebroke Chairman of the Supervisory Board: Christian Schindler
Registered Office: Hamburg Registercourt: Amtsgericht Hamburg HRB 78475



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Storage

Stainless steel vessels (Steel No.: 1.4541 or 1.4571)

Data on material safety, as well as transport classes and data on toxicology and biodegradability, can be obtained from the material safety data sheet.

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