



## Product Information

03.07.2018

# Monoethanolamine

### Composition

Monoethanolamine

---

### Product data (specification)

Property	Value	Unit	Method
Appearance at 20 °C	Liquid, clear	-	visual
Colour number (APHA)	≤ 10	mg Pt/l	DIN EN 1557
Water	≤ 0.5	% by mass	DIN EN 13267 modif.
Monoethanolamine	≥ 99.5	% by mass	GC

---

### General product description

Property	Value	Unit	Method
Molar mass (C <sub>2</sub> H <sub>7</sub> NO)	61.09	g/mol	-
Density at 20 °C	1.0157	g/ml	ASTM D 3505
Refractive index n <sub>20/D</sub>	1.4548	-	ASTM D 1747
Boiling point at 1,013 hPa	about 170	°C	-
Setting point	about 10	°C	DIN ISO 3841
Flash point	about 95	°C	EN 22719
Ignition temperature	about 420	°C	DIN 51794
Specific heat at 50 °C	2.74	kJ/kg K	-
Heat of vaporization (at boiling point under 1,013 hPa)	936	kJ/kg	-

---

### Sasol Germany GmbH

Anckelmannsplatz 1, 20537 Hamburg Postanschrift: Postfach 26 18 05, 20508 Hamburg  
Telefon: +49 40 63 684-1000 Telefax: +49 40 63 684-3700 info@de.sasol.com www.sasol.com  
Geschäftsführung: Dr. Jens Straatmann Vorsitzender des Aufsichtsrats: Christian Schindler  
Sitz der Gesellschaft: Hamburg Registergericht: Amtsgericht Hamburg HRB 78475



## Product Information

03.07.2018

# Monoethanolamine

### Vapour pressure

°C	53.5	93.4	108.2	124.6	154.2	169.7
hPa	5	50	100	200	600	1,000

---

### Viscosity (about)

°C	20	40	60	80	100
mPa s	24.3	10.0	4.93	2.87	1.86

---

### Transport and packaging

Road tankers, railway tankers, about 200-l iron drums, IBC (à 1000 kg)

---

### Storage

Stainless steel vessels (Steel No. 1.4541 or 1.4571) or iron vessels at about 35 °C; no light metals and no copper

---

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

*This information is based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party patent rights. In particular, no guarantee of properties in the legal sense is implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Reference to trade names used by other companies is neither a recommendation, nor is it intended to suggest that similar products could not be used. All our business transactions shall exclusively be governed by our General Sales Conditions.*

### Sasol Germany GmbH

Anckelmannsplatz 1, 20537 Hamburg Postanschrift: Postfach 26 18 05, 20508 Hamburg  
Telefon: +49 40 63 684-1000 Telefax: +49 40 63 684-3700 info@de.sasol.com www.sasol.com  
Geschäftsführung: Dr. Jens Straatmann Vorsitzender des Aufsichtsrats: Christian Schindler  
Sitz der Gesellschaft: Hamburg Registergericht: Amtsgericht Hamburg HRB 78475