

# EMULDAC 251 PE

Technical Data Sheet No. 2808 – March 2020



**SASOL**

Distribuito da:

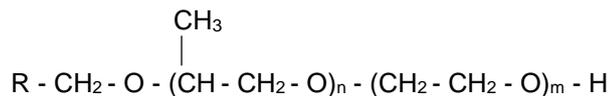


Tellerini s.p.a.

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

## Product Description

EMULDAC 251 PE is a fatty alcohol poly-glycol ether, based on NAFOL 1618S, propylene oxide and ethylene oxide. It is manufactured in Terranova dei Passerini (LO) plant. The chemical structure is the following:



R = C<sub>15</sub>H<sub>31</sub> or C<sub>17</sub>H<sub>35</sub> (linear)

CAS registry no. 68002-96-0  
EINECS no. 614-209-5

## Sales Specification

Property	Test Method	Unit	Guaranteed Value <sup>1</sup>
√ Appearance at 25°C	Visual	-	Clear liquid
√ Colour	MPL 1002.0	APHA	≤ 100
√ Cloud point (10% in BDG at 25%)	MPL 2001.0	°C	21 – 26
√ pH (5%)	MPL 1007.0	-	4,0 – 6,0
√ Free Water (Karl Fischer)	MPL 1006.0	% mass	≤ 0,50

√ value reported on inspection certificate.

<sup>1</sup> specification No. 3380 rev. 1 of June 1<sup>st</sup> 2001.

## Additional Properties

Property	Test Method	Unit	Typical Value
Pour point	ASTM D 97	°C	- 21
Viscosity kinematic at 20°C	ASTM D7042	cSt	237
Viscosity kinematic at 50°C	ASTM D7042	cSt	63
Density at 20°C	ASTM D7042	kg/m <sup>3</sup>	984
Flash point	ASTM D 93	°C	> 125

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



**SASOL**

# EMULDAC 251 PE

Technical Data Sheet No. 2808 – March 2020

---

## Main Applications

EMULDAC 251 PE is a surfactant having a low hydrophylic-lipophylic ratio, mainly used as antifoam agent in paper manufacturing.

---

## Handling and Storage

EMULDAC 251 PE should preferably be stored in stainless steel tanks.

It is suggested to keep the product at temperature below 30°C, it is preferable to avoid heating above 50°C and to store under nitrogen in order to minimise yellowish phenomena.

EMULDAC 251 PE is a clear liquid at room temperature it becomes a solid wax at temperature lower than - 20°C.

EMULDAC 251 PE is not water soluble at room temperature.

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

---

## Packaging

EMULDAC 251 PE 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

Sasol is a registered trademark of Sasol Ltd. Product trademarks displayed in this document are the property of the Sasol Group of companies, except where it is clear from the context that not. 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. Reference to trademarks used by other companies is neither a recommendation, nor should it give the impression that products of other companies cannot be used.

The information contained in this document is based on Sasol's knowledge and experience at the time of its creation. We reserve the right to make any changes to this document or the products described therein, as a result of technological progress or developments. This information implies no liability or other legal responsibility on our part, including with regard to existing third-party patent rights. In particular, no guarantee or warranty of properties in the legal sense is implied. The customer is not exempted from the obligation to conduct careful inspection and testing of incoming products. All our business transactions are governed exclusively by our General Business Terms.