

## Product Information

27.04.2012

# LIPOXOL<sup>®</sup> 4000

## Composition

Polyethylene glycol

## Product data (specification)

Property	Value	Unit	Test method
Appearance at 20 °C	solid *	-	visual
Colour number (APHA) (25 % in water)	≤ 15	mg Pt/l	DIN EN 1557
Hydroxyl number	26 - 31	mg KOH/g	DIN EN 13926
Average molar mass calculated from hydroxyl number	3600 - 4400	g/mol	-
pH (10 % in water)	4.5 - 7.5	-	USP/NF
Water content	≤ 0,5	% by mass	DIN EN 13267
Viscosity at 20 °C (50 % in water)	115 - 170	mPa s	DIN 53015

For use in pharmacy and cosmetics we recommend our LIPOXOL MED grades.

\* LIPOXOL 4000 is delivered in the form of flakes, as melt and powder.

## General product description

Property	Value	Unit	Test method
Bulk density (flakes)	about 0.50	g/cm <sup>3</sup>	DIN 53466-A
Bulk density (powder)	about 0.55	g/cm <sup>3</sup>	DIN 53466-A
Density at 20 °C (50 % in water)	about 1.090	g/cm <sup>3</sup>	DIN 51757
Acid number	≤ 0.2	mg KOH/g	ASTM D 664
Solubility in water at 20 °C	about 500	g/l	-
Ash content	about 0.05	% by mass	DIN 51575
Surface tension at 20 °C (50 % in water)	54 - 57	N/m 10 <sup>-3</sup>	-
Setting temperature	53 - 58	°C	DIN ISO 3841
Flash point	about 250	°C	DIN ISO 2592
Ignition temperature	about 420	°C	DIN 51794

## 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. Kay Luttmann

Vorsitzender des Aufsichtsrats: Christian Schindler

Sitz der Gesellschaft: Hamburg Registergericht: Amtsgericht Hamburg HRB 78475



## Product Information

27.04.2012

### LIPOXOL<sup>®</sup> 4000

#### Transport and packaging

LIPOXOL 4000 flakes are supplied in polyethylene sacks à 25 kg palletised to 1 t or in big bags.

LIPOXOL 4000 powder is supplied in 500 kg big bags.

Road tankers (Melt).

---

#### Storage

Cool and dry in original package. Stainless steel (Steel No. 1.4541 or 1.4571)

---

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

<sup>®</sup> is a registered Trademark of SASOL Germany GmbH

#### 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. Kay Luttmann

Vorsitzender des Aufsichtsrats: Christian Schindler

Sitz der Gesellschaft: Hamburg Registergericht: Amtsgericht Hamburg HRB 78475

<b>COMPANY INFORMATION DISTRIBUTOR</b>		
<b>name</b>	<b>BRENNTAG N.V.</b>	<b>BRENNTAG Nederland B.V.</b>
address	Nijverheidslaan 38 8540 Deerlijk	Donker Duyvisweg 44 3316 BM Dordrecht
country	Belgium	The Netherlands
phone number	+32 (0)56 77 69 44	+31 (0)78 65 44 944
fax number	+32 (0)56 77 57 11	+31 (0)78 65 44 919
website	www.brenntag.be	www.brenntag.nl
e-mail	info@brenntag.be	info@brenntag.nl
activities	Distribution and export of chemicals and raw materials	
VAT number	BE0405317567	NL001375945B01
recall procedure available	Yes	
emergency number (24/365)	+32 (0)56 77 69 44	+31 (0)78 6544 944
<b>QUALITY SYSTEMS</b>		
ISO 9001	Yes	Yes
ISO 14001	Yes	Yes
ISO 22000	Yes	Yes
FSSC 22000	Yes	Yes
GMP+ -feed	Yes	Yes
OHSAS18001	-	Yes
ESAD	Yes	Yes
other	-	AEO