

# Guerbitol 16

Revision-No.: 4-07.2004 Effective July 23, 2004

**Chem. designation:** Guerbet alcohol

**Physical characterisation:** Colourless to slightly yellowish of liquid consistency with very mild odour.

**Registration:**

EINECS: 219-370-1  
CAS-No: 2425-77-6

## Specification

Quality control data <sup>1)</sup>			
Specification	Method	Specified range	Typical values <sup>2)</sup>
Acid value	DGF C-V 2	0 - 0.5	-
Hydroxyl value	DGF C-V 17a	200 - 225	-
Refractive index °C	(20°C) DGF C-IV 5	1.4400 - 1.4600	-
Iodine value [Hanus]	DGF C-V 11a	0 - 10	-
Density, °C	(20°C) DIN 51757 V 4	0.835 - 0.840	-
Hexyldecanol (GC)	Cognis method	85 - 100	

<sup>1)</sup> Determined for each production batch.

<sup>2)</sup> Typical values: Statistical average of minimum 10 production batches.

!! indicate a modification of former revision

### Additional specifications<sup>3)</sup>

Specification	Method	Specified range
Viscosity, 20°C (mPas)	DGF C-IV 7	40 - 50
Cloud point (°C)	Henkel method !!	-50 up to -30
Saponification value	DGF C-V 3	0 - 6
Peroxide value *	DGF C-VI 6a	0 - 5

<sup>3)</sup> Guaranteed but not determined for each batch.

\* only guaranteed at the point of departure

### Additional Information:

#### Forms of delivery

#### **Guerbitol 16**

[SAP: 120145]

[SAP: 90897]

Art.-No. 530743

Road tanker

Drum à 170 kg net

#### Storage information

When stored in refined steel tank (f.e. Material-No. 1.4571) at temperatures below 30°C Guerbitol 16 can be stored for approx. 1 month without changing the specification.

In sealed original drums Guerbitol 16 can be stored below 30°C for at least 1 year.

#### Origin

Germany

This specification agreement contains the entire and conclusive description of the product's properties. Suggestions for the use and application of our products and guide formulations are given to the best of our knowledge and information and without obligation. Such suggestions do not release our customer from testing our products for themselves as to their suitability for the intended processes and purposes. If, however, we should be liable for a damage, our liability shall be limited to damages resulting from wilful acts or gross negligence. In no event we shall be liable for indirect damages. Every user of our products is responsible as regards observation of legal regulations including patent laws.

