

SYNATIVE AL 90/95 V

Composition

Oleyl- / Cetyl alcohol, based on vegetable raw material

Technical Data

Item	Value	Method / Remarks
Appearance:	yellowish liquid	
Water Content:	max. 0,1 %	ISO 760
Cloud Point:	max. 12 °C	ISO 3015
Solidification Range:	2 - 12 °C	DIN ISO 3841
Acid Value:	max. 0,2	ISO 660
Iodine Value:	90 - 98	DGF C-V 11b
Hydroxyl Value:	205 - 215	DGF C-V 17a
Saponification Value:	max. 1,0	ISO 3657
Viscosity: 40 °C	18,94 mm ² /sec.	DIN 51562 T1 (99)
Viscosity: 20 °C	41,94 mm ² /sec.	DIN 51562 T1 (99)
Color: APHA	max. 30	DIN ISO 6271
C-Chain distribution - Range	[%]	Method / Remarks
C14	0 - 2	Cognis Q-C 2931.0 (GC)
C16	2 - 10	
C18	90 - 98	
>C18	0 - 3	

Quality Control Data

(These data are used for quality release and are certified for each batch.)

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C16	2 - 10	

C18	90 - 98
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Additional Specifications

(Guaranteed specification values which are not determined on a regular basis.)

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Properties & Use

SYNATIVE AL-V-types are linear, mainly unsaturated fatty alcohols. They are produced in various qualities by high-pressure hydrogenation of fatty acids or fatty acid esters derived from vegetable oils and fats.

SYNATIVE AL-V-types are used in multiple applications e. g. as

- antifoam agents
- base fluids for lubricants (drilling-, cutting-, rolling oils)
- solubilisers (metalworking fluids)
- lubricating greases

Additional Technical Data

Density (DIN 51757)		
at 40 °C	0,830 - 0,840	g/cm ³
Boiling range (DIN 51751)	330 - 360	°C
Flash point (DIN 51758)	ca. 190	°C

Storage information

When stored in refined steel tank (e. g. material-no. 1.4571) at temperature below 40 °C and kept under nitrogen blanket

SYNATIVE AL 90/95 V can be stored for 3 weeks. Product colour may intensify without influencing product quality.

In sealed original drums **SYNATIVE AL 90/95 V** can be stored at room temperature for at least 1 year.

Revision-No.

1.1-04.2004 Effective April 27, 2004

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