

# ALFOL® 16LE Alcohol

## Technical Data Sheet

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reaching new frontiers



### Description

Sasol North America's ALFOL® 16LE Alcohol is a mixture of petrochemical-based even-numbered carbon chain length alcohols. This mixture contains both linear and branched (averaging 30%) isomers of primary alcohols. This diversity of structures yields a product with a lower melting point than that of pure-cut C16 alcohol, making storage and handling easier.

### Applications

ALFOL® 16LE Alcohol can be used in a variety of applications including the following:

- Diluent for pour point depressants
- Solvents for a wide variety of applications
- Feedstock for ethoxylation

NOTE--for chemical derivatization, TSCA status of the resultant derivative should be confirmed

### Properties

Typical physical properties are listed in the table to the right. Actual properties will vary from lot to lot.

### Contact Information

For technical information or samples:

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Typical Properties	ALFOL® 16LE Alcohol
Average Molecular Wt.	232
Total Alcohol, wt%	> 90
Homolog Distribution, wt%	
C10OH & Lower	≤10
C12OH	≤ 30
C14OH	≤ 40
C16OH	≤ 40
C18OH & Higher	≤3
Water, wt%	0.5
Hydroxyl Number, mg KOH/g	232
Density, g/ml at 50°C	0.8153
Flash Point, °C	152
Melting Point, °C	35 – 44
Appearance at 23°C	Solid
Solubility (water)	Insoluble
Vapor Density	8

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For detailed safety and handling information regarding these products, please refer to the respective Sasol North America Material Safety Data Sheet.

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