



## Technical Data Sheet

### Description

Sasol North America's ALFOL® 610 Alcohol is a blend of high purity petrochemical-based linear primary alcohols. ALFOL® 610 Alcohol is a clear colorless with a sweet pungent odor. ALFOL® 610 Alcohol is classified as rapidly biodegradable in standard ready biodegradability tests. This alcohol is insoluble in water

Sasol's ALFOL® Alcohols are physically and chemically equivalent to corresponding oleochemical-based alcohols derived from such sources as coconut oil or palm oil.

### Applications

ALFOL® 610 Alcohol can be used as a high purity feedstock for all of the chemical reactions in which primary alcohols are routinely employed. ALFOL® 610 Alcohol can be esterified, ethoxylated, propoxylated, sulfated, oxidized, etc. In addition, ALFOL® 610 Alcohol can be used directly in numerous personal care and technical formulations.

### Contact Information

For technical information:

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### Properties

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

Typical Properties	ALFOL® 610
Average Molecular Wt.	140
Total Alcohol, wt. %	≥98.5
Homolog Distribution, wt. %	
C4OH & Lower	≤0.5
C6OH	2 - 6
C8OH	38 - 46
C10OH	48.5 - 56.5
C12OH & Higher	<1
Water, wt. %	0.15
Hydroxyl Number, mg KOH/g	385 -415
Carbonyl, ppm	30
Acid Value	<1
Iodine Number	0.1
Saponification Number	<0.3
Color, APHA	10
Specific Gravity, @ 77°F	0.824
Flash Point, °C, (°F)	79.4 (175)
Melting Range, °C, (°F)	-17.2 to -15 (1-5)
Boiling Range, °C, (°F)	177.2-237.2 (351-459)
Viscosity, cSt @ 38°C	6.4
Appearance, Room Temperature	Clear colorless liquid
Vapor Density, Air = 1	4.5

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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.