



Description

Sasol North America's ALFOL® Alcohols are blends of high purity petrochemical-based linear primary alcohols with even-numbered carbon chain lengths. ALFOL® 810FD Alcohol is a clear liquid with a slight sweet odor.

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

Applications

ALFOL® 810FD Alcohol is used in the following applications:

- Chemical intermediates for amines, aldehydes, mercaptans, etc.
- Ethoxylated, sulfated, or phosphated to prepare emulsifiers and biodegradable surfactants
- In synthesis of plasticizers such as phthalates, trimellitates, adipates, etc.
- Solvents
- Agricultural Chemicals

Properties

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

Contact Information

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Typical Properties	ALFOL® 810FD
Average Molecular Weight	141
Total Alcohol, wt. %	>98.5
Homolog Distribution, wt. %	
C6OH & Lower	<1
C8OH	60 - 64
C10OH	36 - 40
C12OH & Higher	<1
Water, wt. %	< 0.15
Hydroxyl number, mg KOH/g	390 – 405
Density, g/cc @ 20°C	0.8222
Flash point, °C, (°F)	>82 (>180)
Melting Point, °C, (°F)	<-20 (<-4)
Boiling Point (End), °C, (°F)	238 (460)
Viscosity cSt @ 40°C	5.45
Appearance, room temperature	Clear Liquid
Color, APHA Method	<10
Acid, as Acetic, wt%	<0.005
Iodine Number	<0.1

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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.