



### Description

Sasol Chemicals ALFOL 8 Alcohol is high purity, petrochemical-based 1-octanol (also known as octyl alcohol). ALFOL 8 Alcohol is a colorless liquid with a sweet pungent odor. ALFOL 8 Alcohol is classified as readily biodegradable in standard ready biodegradability tests. ALFOL 8 Alcohol can be esterified, ethoxylated, propoxylated, sulfated, oxidized, etc. Sasol Chemicals ALFOL alcohols are physically and chemically equivalent to corresponding oleochemical-based alcohols derived from such sources as coconut oil or palm oil.

### Applications

ALFOL 8 Alcohol can be used as a high purity feedstock for all of the chemical reactions in which primary alcohols are routinely employed. In addition, ALFOL 8 Alcohol can be used directly in numerous personal care and technical formulations. Some of Sasol Chemicals ALFOL alcohols meet the FDA specification for use in Direct and Indirect Food Contact Applications.

### 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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For sales, pricing or samples,  
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### Don't see what you are looking for?

Sasol Chemicals offers a wide range of alcohols and surfactants.  
Please contact us for information about creating your own personalized product.

Typical Properties	ALFOL 8
Avg. Molecular Weight, g/mol	130
Total Alcohol, wt. %	99.5
Homolog Distribution, wt. %	
C6OH & lower	0.5 max.
C8OH	98.6 min.
C10OH & higher	0.5 max.
Water, wt. %	0.1 max.
Hydroxyl Number, mg KOH/g	424 – 434
Carbonyl, as C=O, ppm	80 max.
Acid Number, mg KOH/g	0.05 max.
Iodine Number, mg I <sub>2</sub> /100 mg	0.2 max.
Saponification Number	0.4 max.
Color, APHA	10 max.
Density, g/mL @ 40°C / 104°F	0.812
Flash Point, °C (°F)	82 (180)
Pour Point, °C (°F)	-16 (3)
Boiling Range, °C (°F)	194 – 196 (381 – 385)
Viscosity, cSt @ 40°C / 104°F	5.8
Appearance, room temperature	clear, colorless liquid
Vapor Pressure, mmHg @ 20°C	0.1 max.
Vapor Density, air = 1	4.5
Solubility (water)	insoluble
INCI Name	Caprylic Alcohol

The preceding data is based on tests and experience, which Sasol Chemicals believes reliable, and is supplied for informational purposes only. Sasol Chemicals expressly disclaims any liability whatsoever for damage or injury which results from the use of the preceding data and nothing contained therein shall constitute a guarantee, warranty, or representation (including freedom from patent liability) by Sasol Chemicals with respect to the data, the product described, or its fitness for use for any specific purpose, even if that purpose is known to Sasol Chemicals. For detailed safety and handling information regarding these products, please refer to the respective Sasol Chemicals Safety Data Sheet. 06/10/19

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