



Description

Sasol has the most diversified technology and raw material position in the industry, resulting in the broadest alcohol portfolio. Our synthetic alcohols are produced from petroleum or coal. We also produce natural alcohols from feedstocks such as coconut, palm kernel, rapeseed oils, etc. We offer alcohols with carbon chains ranging from C6 to C26+, 100% linear to 100% branched, and the capability to make blends of anything in between to meet your specific needs.

Product Portfolio

Trade Name	~% Linear	Carbon Chain Distribution	Structure
ALFOL® (NAFOL® NACOL®)	100	Even C6 to C26+	
SAFOL®	50	Odd & Even C12 to C13	
MARLIPAL® (TDA)	0	C13	
ISALCHEM®	5	Odd & Even C9 to C17	
LIAL®	50		
ALCHEM®	95		
ISOFOL®	0	Even C12 to C32	

Don't see the alcohol you are looking for?

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

Contact Information

For technical information or samples:

Sasol North America
Technical Information
2201 Old Spanish Trail
Westlake, Louisiana 70669
Telephone: (337)494-4157
techinfo@us.sasol.com

For sales and pricing information contact a sales representative at:

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2201 Old Spanish Trail
Westlake, Louisiana 70669
Telephone: (337)494-4156
Email: salesinfo@us.sasol.com



Ziegler Alcohols – ALFOL®, NACOL®, NAFOL® Alcohol

Sasol's Ziegler alcohols are high purity, petrochemical-based linear primary alcohol homologs having even-numbered carbon chains. Those produced in North America, ALFOL® Alcohols, are sold as both pure cuts and blends, with even carbon chain lengths ranging from C6 to C26+. For the same alcohols produced in Europe, pure cuts are called NACOL® Alcohols, and blends are called NAFOL® Alcohols. All Ziegler alcohols are either colorless liquids or white solids under ambient conditions. Ziegler alcohol derivatives are biodegradable, and are physically and chemically equivalent to alcohols made from oleochemical sources.

Natural Alcohols – NACOL®, NAFOL® Alcohol

Sasol offers linear natural alcohols made from coconut, palm kernel, rapeseed oils, etc. These products are offered under the NACOL® and NAFOL® trade names.

Fischer-Tropsch Oxo-Alcohols – SAFOL® Alcohol

SAFOL® 23 Alcohol is produced in South Africa by the hydroformylation of olefins obtained in the Fischer-Tropsch (FT) process. This alcohol is approximately 50% branched and 50% linear. Because the majority of the branching is not in the C-2 position, when it is further derivitized, it reacts more like a linear alcohol.

Isotridecyl Alcohol – MARLIPAL® Alcohol

Sasol's MARLIPAL® O13 Alcohol is based on a C12-olefin, which is prepared by the trimerization of n-butene. In contrast to an isotridecyl alcohol produced with other starting materials, MARLIPAL® O13 Alcohol is 100% C13 alcohol and has a unique, significantly milder odor.

Oxo-Alcohols – LIAL®, ISALCHEM®, ALCHEM® Alcohol

LIAL® Alcohols are oxo-alcohols consisting of mixtures of linear and mono-branched primary alcohols with alkyl chain distributions from 9 to 17 carbon atoms. LIAL® Alcohols are high purity, clear liquids with very low odor. Their molecular structure helps retain their liquid state at room temperature. LIAL® Alcohols are fully saturated, resistant to oxidation, and show excellent color stability.

ISALCHEM® Alcohols are prepared from Sasol's oxo-alcohols (LIAL® Alcohols) by a fractionation process that yields ≥90 percent branched material. ISALCHEM® Alcohols are high purity, clear liquids with very low odor. Their isomeric molecular structure gives lower melting points compared to the blend.

ALCHEM® Alcohols are prepared from Sasol's oxo-alcohols (LIAL® Alcohols) by a fractionation process that yields ≥90 percent linear material.

Guerbet Alcohols – ISOFOL® Alcohol

Sasol's ISOFOL® Alcohols are available in C12 – C32. Most are liquid at ambient temperature whereas the corresponding saturated alcohols are solid. While unsaturated linear alcohols start to solidify at approximately 10°C, ISOFOL® alcohols C12 to C18 remain liquid even below 0°C. In contrast to dimer alcohols derived from oxo-alcohols, ISOFOL® Alcohols possess two 100% linear alkyl chains resulting in low viscosity and better biodegradability.

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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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