

LIAL 125 Alcohol

Technical Data Sheet



SASOL

Description

Sasol Chemicals LIAL 125 Alcohol is a mixture of linear and primary C₂-monobranched alcohols with alkyl chain lengths of 12 to 15 carbon atoms. LIAL 125 Alcohol is a high purity, synthetic alcohol produced using the OXO Process.

Applications

LIAL alcohols may be used directly or derivatized for use in several applications fields including:

- Detergents and I&I cleaners: washing powders, liquid and tablet detergents, all-purpose cleaners
- Cosmetics and personal care: shampoos and conditioners, bath foams, toothpastes, creams & lotions, make-up products
- Plastic additives: plasticizers, lubricants, stabilizers, polymerization auxiliaries
- Textile & leather: scouring agents, wetting agents, softeners, emulsifiers
- Metal processing: coupling agents, aluminum rolling oils, metal working liquids
- Pulp & paper: deinking, floatation agents, foam depressant
- Agrochemicals
- Flavors & fragrances

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:

Product Steward

2201 Old Spanish Trail

Westlake, Louisiana 70669

Telephone: +1(337)494-4133

TDS.ProductSteward@us.sasol.com

For sales, pricing or samples,

contact a sales representative at:

Telephone: +1(281)588-3000

info@us.sasol.com

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	LIAL 125 Alcohol
Molecular Weight, g/mol	204 – 209
Homolog Distribution, wt. %	
C11 & lower	0.5 max.
C12	19 – 25
C13	28 – 34
C14	27 – 33
C15	15 – 21
C16 & higher	1.5 max.
Water, wt. %	0.10 max.
Hydroxyl Number, mg KOH/g	270 – 276
Carbonyl Number, mg KOH/g	0.25 max.
Acid Number, mg KOH/g	0.1 max.
Bromine Index, mg Br ₂ /100 g	50 max.
Color, APHA	10 max.
Density, g/mL @ 20°C / 68°F	0.836
Flash point, °C (°F)	> 125 (257)
Boiling range, °C (°F)	261 – 298 (501 – 568)
Pour Point, °C (°F)	6 (43)
Viscosity, cSt @ 40°C / 104°F	14
Appearance	colorless liquid
Solubility (water)	insoluble

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. 02/14/2020

Sasol Chemicals North America LLC

12120 Wickchester Lane, Houston, TX 77079-2990

Phone +1 (281)588-3000, info@us.sasol.com

www.sasolnorthamerica.com