



LINEVOL 11

LINEAR PRIMARY ALCOHOL

V9335

DERIVATIVES

DATASHEET

Description

LINEVOL 11 is a high purity C11 primary alcohol manufactured using the Shell Hydroformylation (SHF) process. LINEVOL alcohols are used as intermediates to produce high quality plasticisers.

Specification Properties^a

Property	Unit	Value
Normality	%m/m	80 min
Color	Pt-Co (APHA)	10 max
Carbonyl as C=O	mg/kg	80 max
Acid number	eq/100g	0.0005 max
Water	%m/m	0.1 max
Appearance	Visual	CSFVI ^b

a : An official sales specification is available from your local Shell Chemicals representative

b: Clear and Substantially Free from Visible Impurities

Typical Properties

Property	Unit	Value
C10 and lower alcohols,	%m/m	< 0.5
C11 alcohol	%m/m	98.5
C12 and higher alcohol,	%m/m	< 1
Total hydrocarbons	%m/m	0.5 max
Density @ 25°C	kg/l	0.828
Molecular mass	g/mol	172 - 173
Flash Point	°C	121
	°F	250
Pour Point	°C	11
	°F	52
Viscosity, Kinematic @ 40°C	cSt or mm ² /s	11

Storage and handling

Advice on the storage and handling of LINEVOL alcohols can be found on our web site at www.shell.com/chemicals or by contacting your local Shell Chemicals representative.

Hazard identification

LINEVOL alcohols exhibit low oral, skin and respiratory toxicity. Generally, these alcohols are slightly to moderately irritating to the eyes and skin. Prolonged or repeated skin contact with undiluted alcohols may lead to defatting of the skin and ultimately cause dermatitis. Before handling the product refer to the Safety Data Sheet, which is available online or from your local Shell Chemicals representative.

Product Code: V9335

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