



# LINEVOL 911

## LINEAR PRIMARY ALCOHOL

V9332

DERIVATIVES

DATASHEET

### Description

LINEVOL 911 is a blend of C9, C10 and C11 high purity primary alcohol manufactured using the Shell Hydroformylation (SHF) process. LINEVOL alcohols are used as intermediates to produce high quality plasticisers.

### Specification Properties<sup>a</sup>

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 <sup>b</sup>

*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
C8 and lower alcohols	%m/m	< 1
C9 alcohol	%m/m	18
C10 alcohol	%m/m	42
C11 alcohol	%m/m	38
C12 and higher alcohol	%m/m	< 2
Total hydrocarbons	%m/m	0.5 max
Density @ 25°C	kg/l	0.827
Molecular mass	g/mol	158-164
Flash Point	°C	108
	°F	226
Pour Point	°C	-12
	°F	10
Viscosity, Kinematic @ 40°C	cST or mm <sup>2</sup> /s	9

## Storage and handling

Advice on the storage and handling of LINEVOL alcohols can be found on our web site at [www.shellchemicals.com](http://www.shellchemicals.com) 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: V9332

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