



# NEODOL 5

Issued: August 2016

CAS Number: 629-76-5  
Product category: Linear Primary Alcohol  
SICC Product Code: V2369  
Manufacturing locations:

- US (Geismar, LA)

**Description:** *NEODOL Alcohol 5* is a C15 linear primary alcohol manufactured using the Shell Hydroformylation (SHF) process. It can be used in a variety of applications but it is primarily used for the manufacture alcohol ethoxylates and alcohol ethoxysulfates.

Property	Unit	Value
Acid Number	eq/100g	<0.0005
Appearance	Pass	CSFVI <sup>b</sup>
C 13 Alcohols & Lower	%m/m	<2
C14 Alcohols	%m/m	<10
C15 Alcohols	%m/m	>90
C16 Alcohols & Higher	%m/m	<3
Total Hydrocarbons	%m/m	<1
Color, Pt-Co		<10
Hydroxyl Number	mgKOH/g	236 - 256
Molecular Mass	g/mol	219 - 238
Normality	%m/m	>75
Water	%m/m	<0.1

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

b: Clear and Substantially Free from Visible Impurities



Typical Physical Properties	Property	Unit	Value
	Density @ 60°F	gm/ml	0.842
	Flash Point	°F	330
		°C	149
	Pour Point	°F	100
°C		38	

## Storage and Handling

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

## Hazard Identification

NEODOL 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 at <http://www.shell.com/chemicals/msds/> or from your local Shell Chemicals representative.

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