



NEODOL 3

Issued: August 2016

CAS Number: 112-70-9
Product category: Linear Primary Alcohol
SICC Product Code: V2360
Manufacturing locations:

- US (Geismar, LA)

Description: *NEODOL Alcohol 3* is a C13 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.

Typical Chemical Properties ^a	Property	Unit	Value
	Acid Number	eq/100g	<0.0005
	Appearance	Pass	CSFV ^b
	C 11 Alcohols & Lower	%m/m	<2
	C12 Alcohols	%m/m	<10
	C13 Alcohols	%m/m	>90
	C14 Alcohols & Higher	%m/m	<3
	Total Hydrocarbons	%m/m	<1
	Color, Pt-Co		<10
	Hydroxyl Number	mgKOH/g	274 - 295
	Molecular Mass	g/mol	190 - 205
	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	0.839
	Flash Point	°F	290
		°C	143
	Pour Point	°F	80
°C		27	

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.

NEODOL is the registered Trademark of Shell Trademark Management BV.

The expression 'Shell Chemicals' refers to the companies of the Shell Group which are engaged in chemical businesses. The 'Shell Group' refers to the companies in which Royal Dutch Shell plc directly and indirectly owns investments. Each of the companies which make up the Shell group of companies is an independent entity and has its own separate identity.

The information contained in this publication is to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.