



NEODOL 91-8

PRIMARY ALCOHOL ETHOXYLATE

V2462

DERIVATIVES

DATASHEET

Description

NEODOL 91-8 is based on Shell Chemicals' high purity C9-C11 NEODOL alcohol with an average of approximately 8 moles of ethylene oxide per mole of alcohol.

Specification Properties^a

Property	Unit	Value
Hydroxyl number	mg KOH/g	105-115
Molecular mass	g/mol	488-534
Color	Pt-Co	50 max
Water	%m/m	0.1 max
Ash	%m/m	0.2 max
Polyethylene glycol	%m/m	2 max
Appearance	Visual	LCSH ^b
Acid number	mg KOH/g	0.05-0.20
EO/Alcohol ratio	mol/mol	7.4-8.5

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

b: Liquid, clear to slightly hazy

Typical Properties

Property	Unit	Value
Density @ 40°C	kg/l	0.996
Cloud Point, 1% in H ₂ O	°C	81
	°F	179
Flash Point	°C	160
	°F	320
Pour Point	°C	16
	°F	61
HLB number		13.7
Viscosity, Kinematic @ 40°C	cSt or mm ² /s	27

Storage and handling

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

Hazard identification

NEODOL alcohol ethoxylates are eye irritants. While these products show only slight to moderate skin irritancy, prolonged and repeated contact can dry and de-fat the skin resulting in dermatitis. NEODOL alcohol ethoxylates show low to moderate oral, skin and respiratory toxicity. Before handling the product refer to the Safety Data Sheet, which is available online or from your local Shell Chemicals representative.

Product Code: V2462

NEODOL is a Shell trademark.

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.