



Exxal™ 13 tridecyl alcohol

Rev 4, May 2013

Product Identification	
CAS Number	68526-86-3
EINECS Number	2712356

Sales Specifications			
Property	Test methods		Sales specifications
Acidity, as acetic acid, wt%	BRCP 4581	Calculated**	0.003 max
Acid Value, mg KOH/g	Calculated**	ASTM D 1045*	0.03 max
Carbonyl Number, mg KOH/g	BRCP 4588	ASTM E 411	0.20 max
Color, Platinum Cobalt	BRCP 4273	ASTM D 5386	10 max
Composition, wt%, Alcohols	-		-
Lights, wt%	BRCP 4596	ROP 104	0.50 max
C9 + C10, wt%	BRCP 4596	ROP 104	2.0 max
C14+, wt%	BRCP 4596	ROP 104	10.0
Hydroxyl Number, mg KOH/g	BRCP 4586a	ISO 1843-5	275 - 295
Purity, wt% Alcohol	BRCP 5287	Calculated	98.5 min
Specific Gravity @ 20/20°C	BRCP 4843	Calculated**	0.844 - 0.849
Density @ 20°C, g/cm ³	Calculated**	ASTM D 4052*	0.843 - 0.847
Water Content, wt%	BRCP 5053	ISO 12937	0.10 max

BRCP test methods are internal test methods used by the manufacturing plant and are based on modified ASTM methods. Copies of BRCP methods or modified test methods are available upon request. ASTM, ISO and ROP test methods are used for certification of product in Europe. Reported decimal places may differ from what is specified in industry standard test method.

* Modified. Value may be determined by ExxonMobil procedures equivalent to industry standard test methods.

** Properties with Test method shown as Calculated are determined from another specification parameter

[please contact your local ExxonMobil Chemical sales representative for more details](#)

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