

Linear Alcohols - Single Cut

Trade Name	NACOL® 14-95	NACOL® 14-98	NACOL® 16-95	NACOL®16-98	NACOL® 18-98	NACOL® 18-99	NACOL® 20-95	NACOL® 22-98
INCI Name	Myristyl Alcohol	Myristyl Alcohol	Cetyl Alcohol	Cetyl Alcohol	Stearyl Alcohol	Stearyl Alcohol	Arachidyl Alcohol	Behenyl Alcohol
Individual Alcohol Content (%)	95.0 min.	98.5 min.	95.0 min.	98.0 min.	98.0 min.	99.0 min.	95.0 min.	98.0 min
Origin	Native or synthetic	Native or synthetic	Native or synthetic	Native or synthetic	Native or synthetic	Native or synthetic	Native	Native
Colour (Hazen)	10.0 max.	10.0 max.	10.0 max.	10.0 max.	10.0 max.	10.0 max.	20.0 max.	30.0 max.
Ester No. (mg KOH/g)	0.2 max.	0.2 max.	0.5 max.	0.5 max.	0.1 max.	0.1 max.	0.3 max.	0.2 max.
Acid Number (mg KOH/g)	0.03 max.	0.03 max.	0.05 max.	0.05 max.	0.05 max.	0.05 max.	0.05 max.	0.1 max.
Iodine Number (mg I/100 mg)	0.1 max.	0.1 max.	0.25 max.	0.25 max.	0.25 max.	0.15 max.	1.0 max.	0.5 max.
Water Content (wt. %)	0.1 max.	0.1 max.	0.1 max.	0.1 max.	0.1 max.	0.1 max.	0.1 max.	0.1 max.
Density (g/ml)	approx. 0.809 (60°C)	approx. 0.809 (60°C)	approx. 0.812 (60°C)	approx. 0.812 (60°C)	approx. 0.815 (60°C)	approx. 0.815 (60°C)	approx. 0.802 (80°C)	approx. 0.807 (80°C)
Solidification Point (°C)	36 – 38	37 – 39	45 – 49	47 – 50	56 – 59	56 – 59	62 – 66	68 – 71
Boiling Range (°C)	275 – 290	270 – 290	300 – 320	305 – 320	325 – 340	325 – 340	–	–
Flash Point (°C)	approx. 145	approx. 145	approx. 175	approx. 175	approx. 174	approx. 174	approx. 195	approx. 227
Molecular Weight (g/mol)	214	214	242	242	270	270	298	326
Hydroxyl Number (mg KOH/g)	256 – 262	258 – 262	226 – 235	226 – 235	200 – 210	200 – 210	180 – 188	168 – 171