

		NAFOL® 1822	NAFOL® 1822 B	NAFOL® 1822 C
Chemical description		Alcohol blend	Alcohol blend	Alcohol blend
		C 18–22	C 18–22	C 18–22
Appearance at ambient temperature		white, solid	white, solid	white, solid
Sales specification				
Alcohol composition	[wt. %]	C ₁₆ –OH 1 max. C ₁₈ –OH 43 ± 2 C ₂₀ –OH 11 ± 2 C ₂₂ –OH 44 ± 2 C ₂₄ –OH 1 max.	C ₁₆ –OH 1 max. C ₁₈ –OH 15 ± 1 C ₂₀ –OH 15 ± 1 C ₂₂ –OH 69 ± 2 C ₂₄ –OH 1 max.	C ₁₆ –OH 0.5 max. C ₁₈ –OH 5 ± 1 C ₂₀ –OH 17 ± 2 C ₂₂ –OH 76 ± 2 C ₂₄ –OH 1.5 max.
Colour	[Hazen]	20 max.	20 max.	20 max.
Ester number	[mg KOH/g]	0.15 max.	0.3 max.	0.3 max.
Acid number	[mg KOH/g]	0.05 max.	0.05 max.	0.05 max.
Iodine number	[mg I/100 mg]	0.5 max.	0.5 max.	0.6 max.
Water content	[wt. %]	0.1 max.	0.1 max.	0.1 max.
Additional properties				
Alcohol content	[wt. %]	98 min.	98.5 min.	98.5 min.
Solidification point	[° C]	57–61	63–65	64–69
Boiling range	[° C]	—	—	—
Flash point	[° C]	approx. 202	approx. 204	approx. 204
Molecular weight	[g/mol]	295–311	312–320	315–321
Hydroxyl number	[mg KOH/g]	185–190	175–180	173–177

Other blends are available on request.