

Product information

SODIUM METHYLATE 21 – 30 % SOLUTION IN METHANOL

(NM 21-30)

NaOCH_3 in CH_3OH

GENERAL INFORMATION

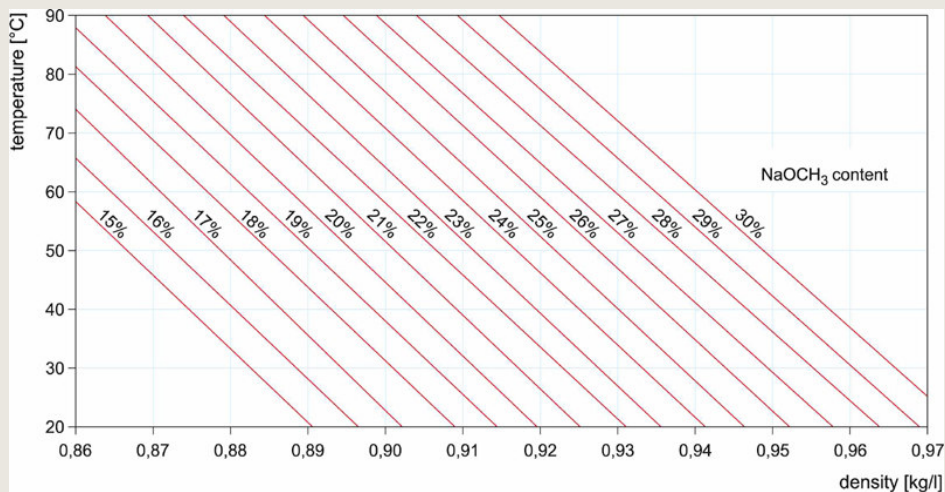
CAS-No	124-41-4 in 67-56-1
EINECS-No.	204-699-5 in 200-659-6.
Molecular weight	54.02 g/mol
Description	clear, colourless liquid

PHYSICAL DATA

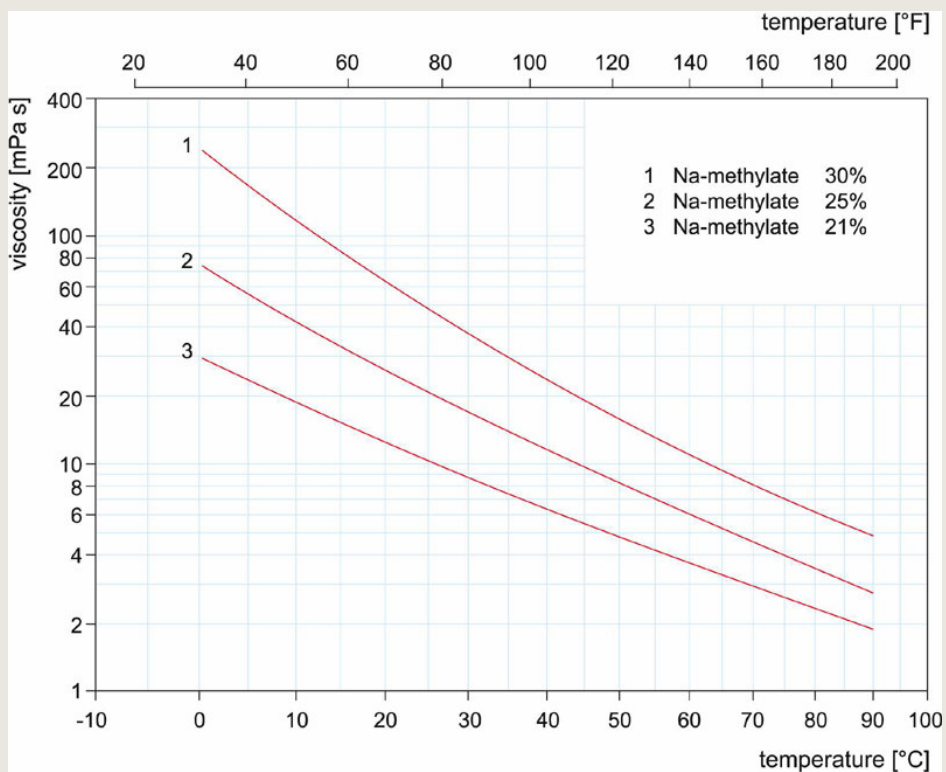
	NM 21%	NM 25%	NM 28%	NM 30%	Method
Solvent	Methanol	Methanol	Methanol	Methanol	
Boiling point at 1013 hPa [°C]*	92	85	90	92	DIN 51 751
Flash point [°C]*	25	29	31	32	DIN 51 755
Density at 20°C [g/cm ³]	0.93	0.95	0.96	0.97	DIN 51 757

*value of the solvent

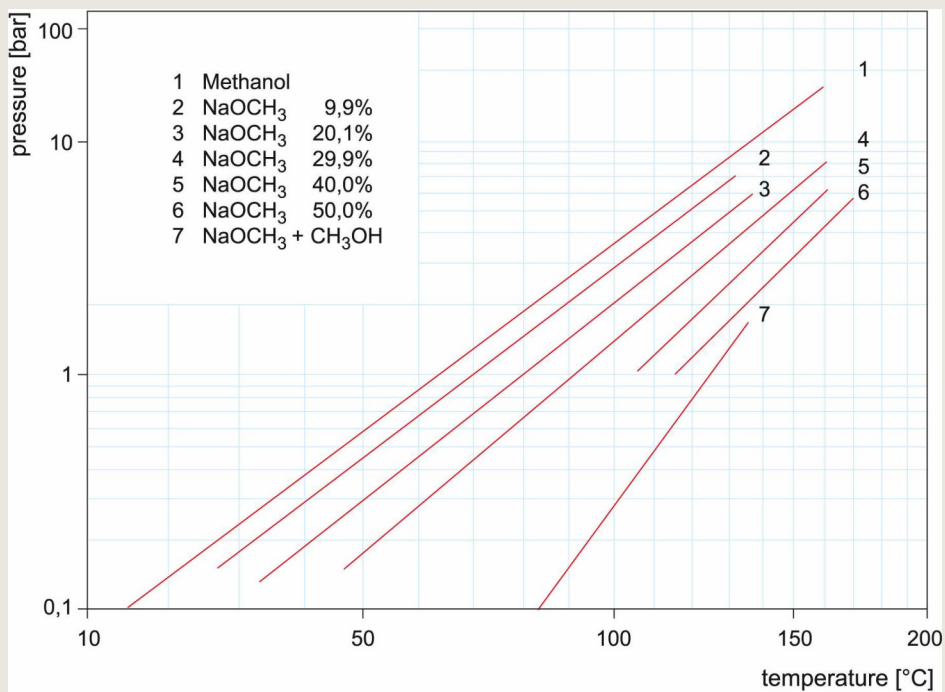
DENSITY/TEMPERATURE DIAGRAM



VISKOSITY [mPa s] DIAGRAM



VAPOR PRESSURE DIAGRAM



SOLUBLE IN

Tetrahydrofuran (THF), alcohols

REACTIVITY

Highly reactive organic base
Reacts with humidity and oxygen from the air

PACKAGING

	drum	bulk	IBC
NM 21	180 kg		on request
NM 25	190 kg	20-25 t	
NM 28	190 kg	20-25 t	
NM 30	200 kg	20-25 t	950 kg

STORAGE

Shelf life of the product will be 24 months upon delivery in dry and original packaging. Storage temperature should not exceed 30°C. During winter time at temperatures below 10°C the active ingredient might start to precipitate. Warming up under agitation will help to solve the active ingredient again.

CRISTALLISATION TEMPERATURES NM SOLUTIONS

NM 21	-22 °C
NM 25	-2 °C
NM 28	0 °C
NM 30	5 °C

CHEMICAL PROPERTIES

Property	NM 21	NM 25	NM 28	NM 30	Einheit
Total alkalinity calculated as CH ₃ O Na	20.5 - 22.0	24.5 - 26.0	27.5 - 29.0	29.5 - 31.0	[Weight %]
Content CH ₃ O Na	20.5 - 21.5	24.5 - 25.5	27.5 - 28.5	29.5 - 30.5	[Weight %]
Content NaOH + Na ₂ CO ₃	≤ 0.50	≤ 0.50	≤ 0.50	≤ 0.50	[Weight %]
Colour [APHA]	≤ 30	≤ 30	≤ 30	≤ 30	

Disclaimer

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