

## Product information

# SODIUM METHYLATE 21 – 30 % SOLUTION IN METHANOL

(NM 21-30)

$\text{NaOCH}_3$  in  $\text{CH}_3\text{OH}$

## GENERAL INFORMATION

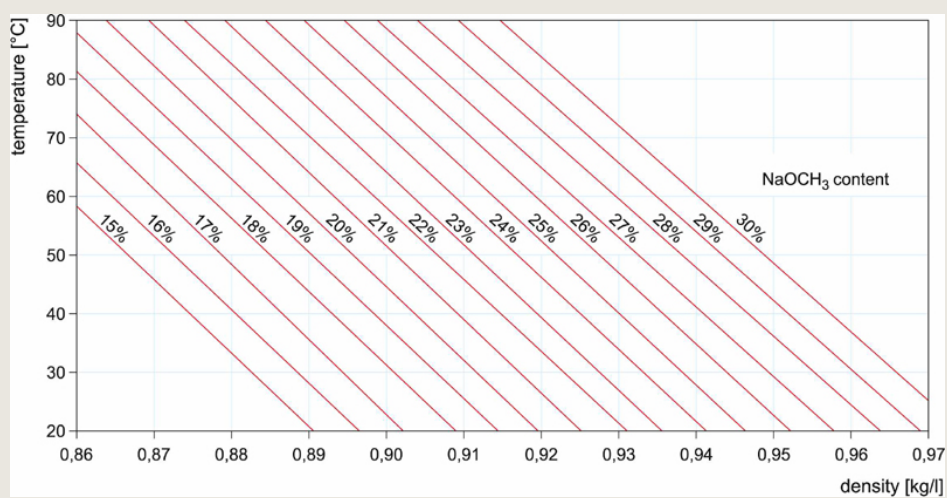
CAS-No	124-41-4 in 67-56-1
EINECS-No.	204-699-5 in 200-659-6.
Molecular weight	54.02 g/mol
Description	clear, colourless liquid

## PHYSICAL DATA

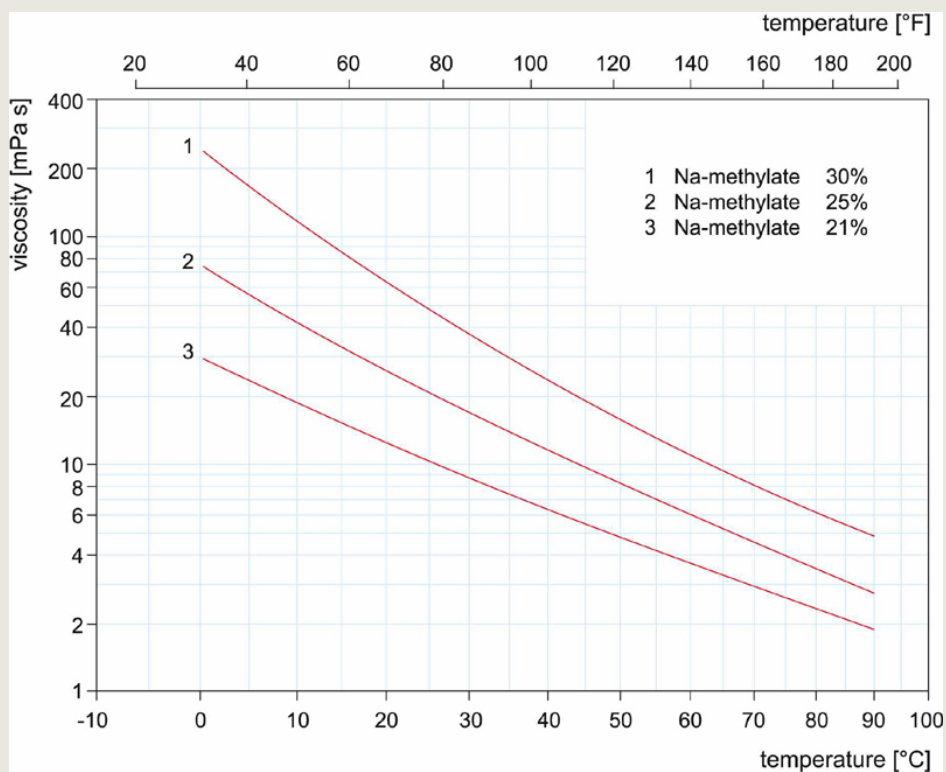
Property	NM 21%	NM 25%	NM 28%	NM 30%	Method
Solvent	Methanol	Methanol	Methanol	Methanol	
Boiling point at 1013 hPa [°C]*	92	85	90	92	DIN 51 751
Flash point [°C]*	25	29	31	32	DIN 51 755
Density at 20°C [g/cm <sup>3</sup> ]	0.93	0.95	0.96	0.97	DIN 51 757

\*value of the solvent

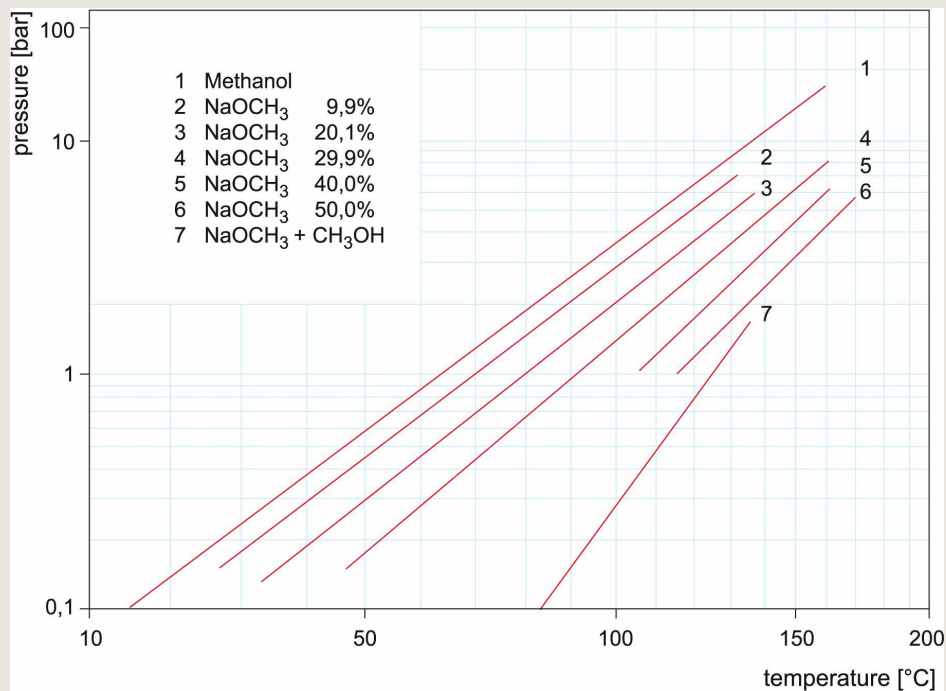
## DENSITY/TEMPERATURE DIAGRAM



## VISCOSITY [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

## SPECIFICATION

Property	NM 21	NM 25	NM 28	NM 30	Unit
total alkalinity calculated					
CH <sub>3</sub> O Na	20.5 - 22.0	24.5 - 26.0	27.5 - 29.0	29.5 - 31.0	[Weight %]
Content CH <sub>3</sub> O Na	20.5 - 21.5	24.5 - 25.5	27.5 - 28.5	29.5 - 30.5	[Weight %]
Content NaOH + Na <sub>2</sub> CO <sub>3</sub>	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	[Weight %]
Colour [APHA]	≤ 30	≤ 30	≤ 30	≤ 30	

### Disclaimer

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