

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 |

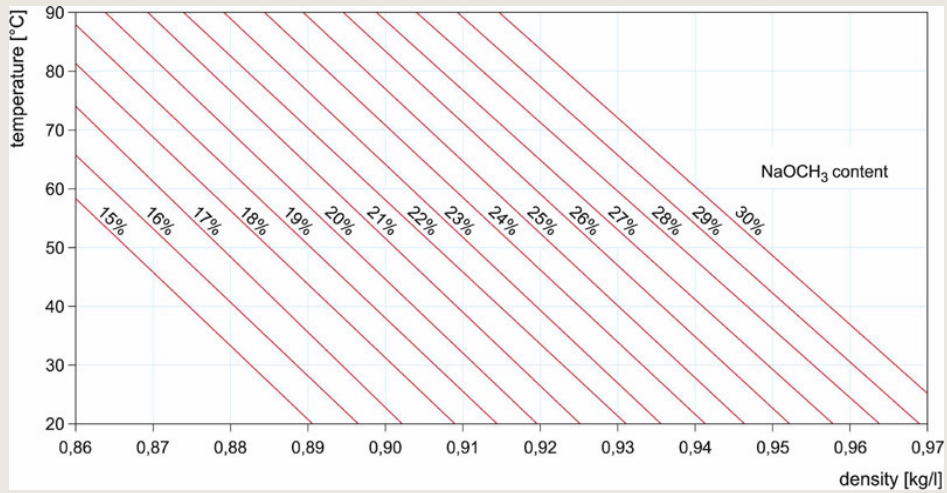
PHYSICAL DATA

| 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 ³] | 0.93 | 0.95 | 0.96 | 0.97 | DIN 51 757 |

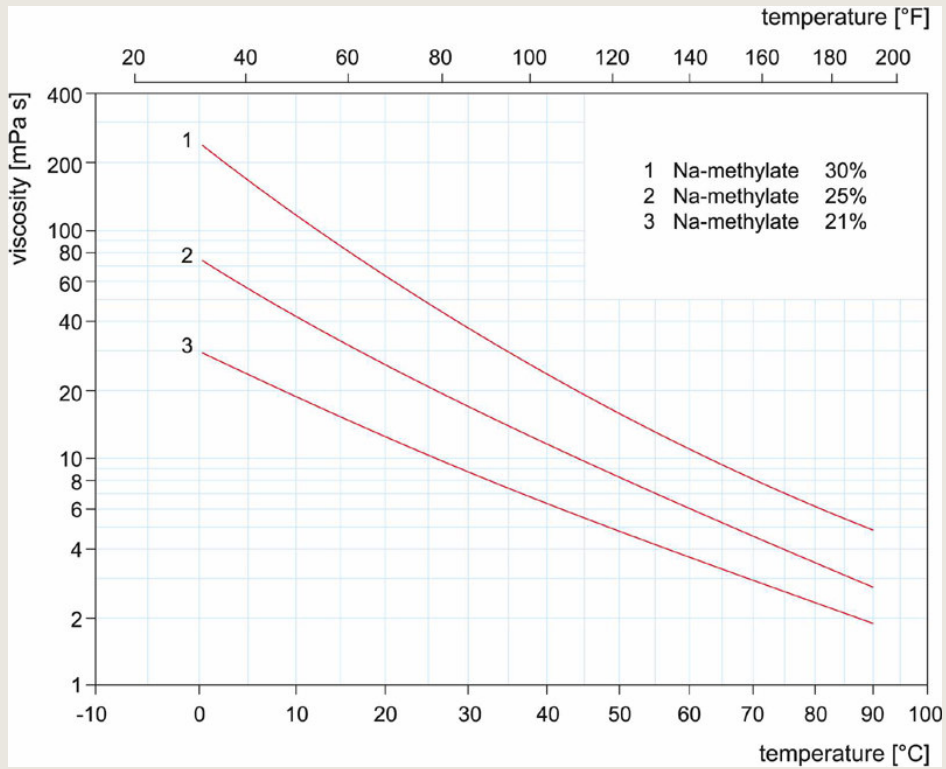
*value of the solvent



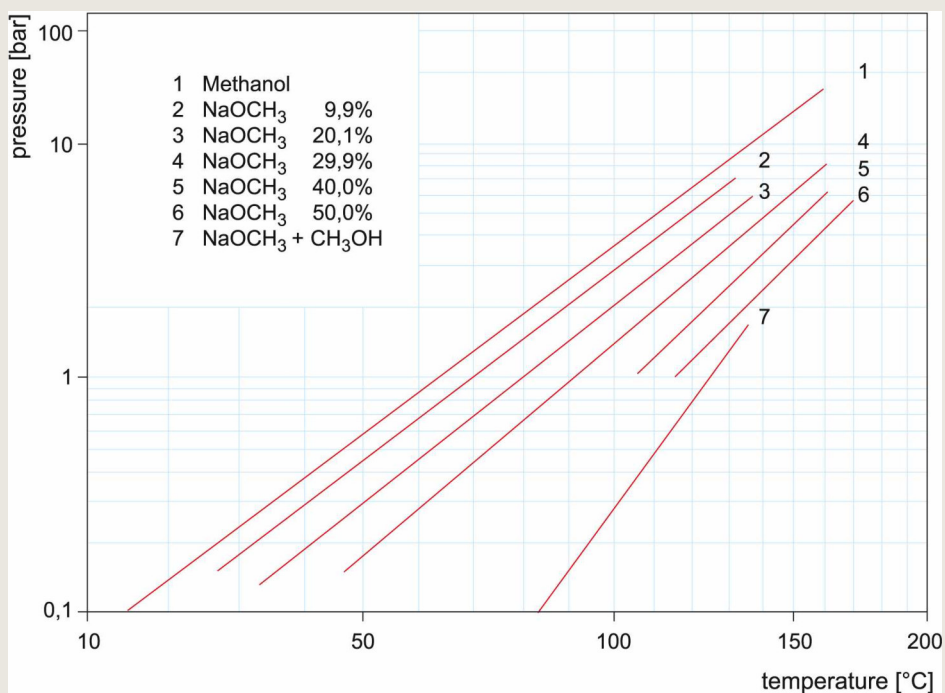
DENSITY/TEMPERATURE DIAGRAM



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 |

CHEMICAL PROPERTIES

| Property | NM 21 | NM 25 | NM 28 | NM 30 | Unit |
|---|-------------|-------------|-------------|-------------|------------|
| 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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