

Product information

POTASSIUM METHYLATE 32 % SOLUTION IN METHANOL

(KM 32)

KOCH_3 in H_3COH

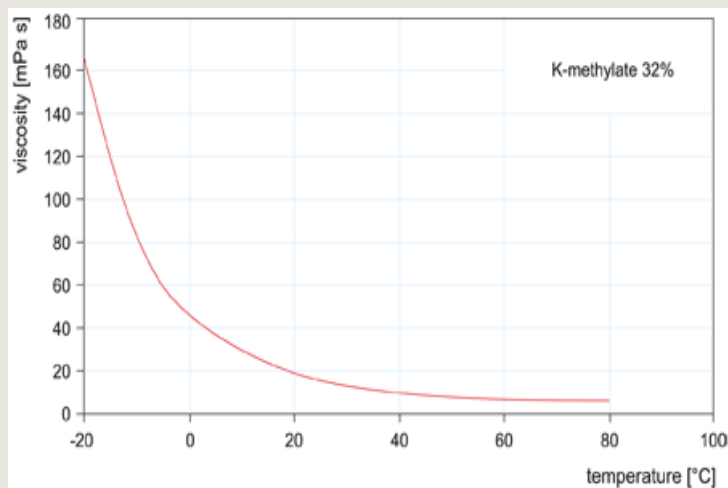
GENERAL INFORMATION

CAS-No.	865-33-8 solved in 67-56-1
EINECS-No.	212-736-1 solved in 200-659-6
Molecular weight	70,12. g/mol
Description	clear colourless liquid

PHYSICAL DATA

	KM 32	Method
Boiling point at 1013 hPa [°C]	93.5	DIN 51751
Flash point [°C]	31	DIN 51755
Density at 20°C [g/cm ³]	0.993	DIN 51757

VISCOSITY [mPa s] DIAGRAM



SOLUBLE IN

Alcohols

REACTIVITY

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

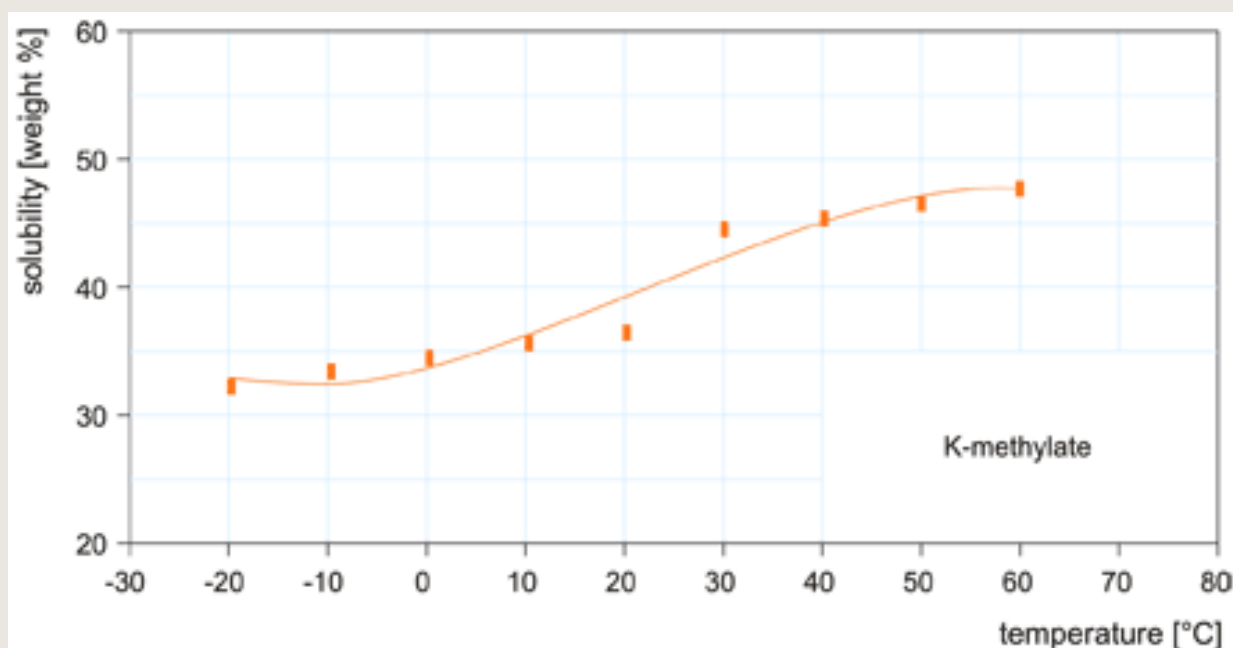
PACKAGING

	drum	bulk	IBC
KM 32	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 -5 °C the active ingredient might start to precipitate. Warming up under agitation will help to solve the active ingredient again.

CRISTALLISATION TEMPERATURES OF KM 32



CHEMICAL PROPERTIES

Property	Value (ca.)	Unit	Method
Total alkalinity calculated as CH ₃ O K	31.5 - 33.0	% [Weight]	Titrimetry
Content CH ₃ O K	31.5 - 32.5	% [Weight]	calculated
Content KOH + K ₂ CO ₃	≤ 0.50	% [Weight]	KF-Titration

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Smart Materials
Rellinghauser Straße 1-11
45128 Essen
Germany
functionalsolutions@evonik.com