

Product information

Potassium ethylate 24 % solution in ethanol (KE 24)



GENERAL INFORMATION

CAS-No.	917-58-8 solved in 64-17-5
EINECS-No.	213-029-0 solved in 200-578-6
Molecular weight	84.16 g/mol
Description	yellowish to brownish liquid

PHYSICAL DATA

Property	KE 24	Method
Solvent	Ethanol	
Boiling point at 1013 hPa [°C]	approx. 87	DIN 51751
Flash point [°C]	approx. 14	DIN 51755
Density at 20°C [g/cm ³]	approx. 0.91	DIN 51757

SOLUBLE IN

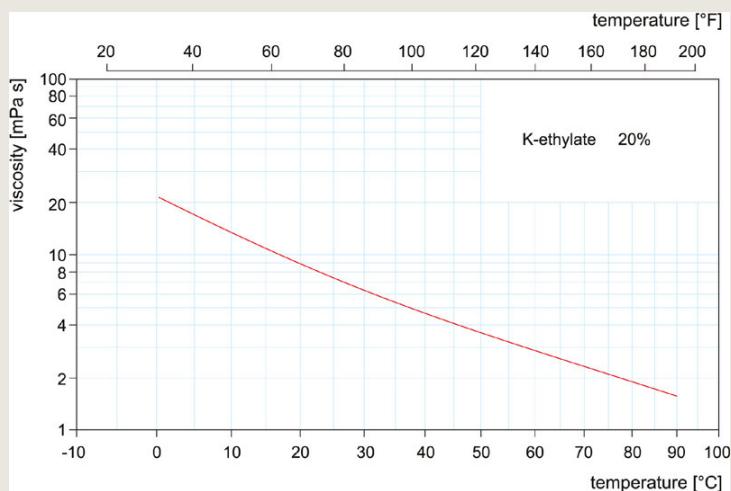
Alcohol

REACTIVITY

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

VISKOSITY [mPa s] DIAGRAM

Viscosity of KE 24 is slightly above the red line.



PACKAGING

	drum	bulk
KE 24	180 kg	20-25 t

STORAGE

Shelf life of the product will be 12 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.

CHEMICAL PROPERTIES

Property	Value (ca.)	Unit	Method
Total alkalinity calculated as C ₃ H ₅ O K	23.5 - 25.0	% [Weight]	Titrimetry
Content C ₃ H ₅ O K	23.5 - 24.5	% [Weight]	calculated
Content KOH + K ₂ CO ₃	≤ 0.50	% [Weight]	KF-Titration



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Evonik Corporation

2 Turner Place
NJ 08854 Piscataway, USA
PHONE: +1 732-981-5000
functional-solutions@evonik.com

