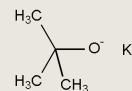


Product information

POTASSIUM – TERT. – BUTYLATE

(KTB 20, 15, 29, 19)



GENERAL INFORMATION

CAS-No.	865-47-4
EINECS-No.	212-740-3
Molecular weight	112.21 g/mol
Description	yellowish to brown liquid

PHYSICAL DATA

Property	KTB 20	KTB 15	KTB 29	KTA 19	Method
Solvent	THF	t-Butanol	i-Propanol	i-Butanol	
Boiling point at 1013 hPa [°C]*	66	83	81-83	108	DIN 51751
Flash point [°C]*	-21	4	12	28	DIN 51755
Density at 20°C [g/cm ³]*	0.888	0.786	0.785	0.810	DIN 51757

*value of the solvent

SOLUBLE IN

Tetrahydrofuran (THF), alcohol

REACTIVITY

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

PACKAGING

	drum	bulk
KTB 20	180 kg	20-25 t
KTB 15	180 kg	20-25 t
KTB 29	180 kg	20-25 t
KTB 19	180 kg	20-25 t

STORAGE

Shelf life of the product will be 18 months upon delivery in dry and original packaging. Storage temperature should not exceed 35°C.

SPECIFICATION

Property	KTB 20	KTB 15	KTB 29	KTB 19	Unit
Total alkalinity calculated as C ₄ H ₉ O K	20 - 22	15 - 17	29 - 31	19 - 21	[Weight %]
Content C ₄ H ₉ O K	19 - 21	14 - 16	28 - 30	18 - 20	[Weight %]
Content KOH + K ₂ CO ₃	≤ 1.0	≤ 1.0	≤ 1.0	≤ 1.0	[Weight %]

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