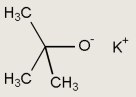
Product information

POTASSIUM-T-BUTYLATE POWDER

(KTB)

C_4H_9OK



GENERAL INFORMATION

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

PHYSICAL DATA

Property	Value (approx.)	Unit	Method
Melting point	256-258	°C	
Bulk density (20 °C)	0.50	g/cm^3	DIN 53 466
Compacted bulk density	0.70	g/cm^3	ISO 787/11

SOLUBLE IN

Butanoles, Propanoles, Tetrahydrofuran (THF)

REACTIVITY

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

PACKAGING

	drum
KTB Powder	5 x 10 kg subpacked in antistatic PE bag with PE-Inliner

EVONIK
Leading Beyond Chemistry

STORAGE

Shelf life will be 18 months upon shipment in originally sealed packaging. Shelf life is limited to 6 months for products without subpackaging. Storage temperature should not exceed 30 ° C.

CHEMICAL PROPERTIES

Property	Value	Unit	Method
Total alkalinity calculated as C_4H_9O K	≥ 99	% [Weight]	Titrimetry
Content C_4H_9O K	≥ 98	% [Weight]	calculated
Content KOH + K_2CO_3	≤ 1,0	% [Weight]	KF-Titration

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

EVONIK
Leading Beyond Chemistry