

TECHNICAL DATA SHEET

Date of Issue: 2018/02/15

Lithium Benzoate, pure

CAS-No.	553-54-8
EC-No.	209-042-6
Molecular Formula	C ₆ H ₅ COOLi
Product Number	401134

APPLICATION Raw material for pharmaceuticals. Catalyst in the field of polymerization of e. g. polypropylene resins. Hardening of polymers (e. g. polyepoxides).

SPECIFICATION

Assay	min. 99 %
HM*)	max. 0.004 %
Cl	max. 0.02 %
SO ₄	max. 0.05 %
H ₂ O	max. 0.5 %

*) HM = heavy metals as Pb

Additional values on request.

PHYSICAL PROPERTIES

Appearance	powder
Color	white
Melting point/ range	> 300 °C
Bulk density	ca. 500 kg/m ³
Water solubility	330 g/L at 25 °C 400 g/L at 100 °C

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Technical data sheets may change frequently. You can download the latest version from our website www.albemarle-lithium.com. Please contact us at www.albemarle-lithium.com/contact with questions.

Solubility in other solvents	80 g/L at 25 °C Medium: ethanol
	100 g/L at 78 °C Medium: ethanol
Molecular weight	128.06 g/mol
Additional Physical Properties	Theoretical lithium content: 5.42 %
	Melting range: > 300 °C

HANDLING & STORAGE

Handling In closed containers lithium benzoate has unlimited shelf life.

TRANSPORT & PACKAGING

ADR
Not regulated as a dangerous good

Hazard pictograms



Signal Word Warning

H&P Phrases See Safety Data Sheet

Labelling The labelling is according to EU-GHS classification ((EG) 1272/2008) and may vary in other countries. Please refer to the respective Safety Data Sheet for your country.

Packaging

Polyethylene bags of 50 kg in fiber drums.

OTHER INFORMATION

Further Related Documents Safety Data Sheet

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