

TECHNICAL DATA SHEET

Date of Issue: 2018/02/20

Sabalith® "S" (LiNO₃/KNO₃-mixture w/o foaming agent)

Molecular Formula LiNO₃/KNO₃

Product Number 401156

APPLICATION

Nitrite-free heat transfer salt for salt bath curing in open or closed circulations, e.g. in LCM installations for the vulcanization of rubber.

FURTHER INGREDIENTS

Potassium nitrate

CAS-No. 7757-79-1

EC-No. 231-818-8

Lithium nitrate

CAS-No. 7790-69-4

EC-No. 232-218-9

SPECIFICATION

dry matter (1hr, 230°C)	min. 99 %
melt start	min. 127 °C
melt end	max. 135 °C

PHYSICAL PROPERTIES

Appearance	granular
Color	colorless
Melting point/ range	ca. 130 °C
Flash point	(Not applicable)
Density	ca. 2 g/cm ³ at 200 °C
Water solubility	ca. 350 g/L at 20 °C

HANDLING & STORAGE

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation and its subsidiaries and affiliates. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patent.

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.



Storage Please store under dry conditions. Upon prolonged storage, Sabalith® tends to agglomerate.

TRANSPORT & PACKAGING

UN number 1477

ADR	Class: 5.1	PG: III	Label: 5.1
RID	Class: 5.1	PG: III	Label: 5.1
IMDG	Class: 5.1	PG: III	Label: 5.1
IATA_C	Class: 5.1	PG: III	Packing instruction (cargo aircraft): 563
IATA_P	Class: 5.1	PG: III	Packing instruction (passenger aircraft): 559

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

25 kg bags / 1,000 kg per pallet.

OTHER INFORMATION

Further Related Documents Safety Data Sheet

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