

TECHNICAL DATA SHEET

Date of Issue: 2016/08/26

Cesium Tetrafluoro Aluminate Complex 60:40, purity min. 99 %

CAS-No.	138577-01-2
EC-No.	434-690-3
REACH No.	01-0000018082-78
Molecular Formula	approx. Cs ₃ Al ₂ F ₉ (complex mixture)
Product Number	426073

APPLICATION white amorphous substance

PURITY min. 99 %

SPECIFICATION

Cs	57 - 66 %
----	-----------

Al	6 - 11 %
----	----------

F	25 - 35 %
---	-----------

Li	max. 100 ppm
----	--------------

Na	max. 1000 ppm
----	---------------

K	max. 1000 ppm
---	---------------

Rb	max. 1000 ppm
----	---------------

Ca	max. 500 ppm
----	--------------

Ba	max. 50 ppm
----	-------------

lower limit melting range	min. 410 °C
---------------------------	-------------

upper limit melting range	max. 500 °C
---------------------------	-------------

particle size x90	max. 20 µm
-------------------	------------

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.

Product Number: 426073

Date of Issue: 2016/08/26

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

PE bags or bottles. Alternative packaging on request. Smaller units available at surcharge.

OTHER INFORMATION

Further Related Documents **Safety Data Sheet**

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.