

TECHNICAL DATA SHEET

Date of Issue: 2016/08/29

Cesium Sulfate, purity min. 99 % (50 % solution in water)

CAS-No.	10294-54-9
EC-No.	233-662-6
REACH No.	01-2119977125-33
Molecular Formula	Cs ₂ SO ₄
Product Number	423601

APPLICATION This product is particularly used as promoter in heterogeneous catalysts (e.g. sulfuric acid, phthalic anhydride etc.).

PURITY min. 99 %

SPECIFICATION

Li	max. 5 ppm
Na	max. 200 ppm
K	max. 500 ppm
Rb	max. 2000 ppm
Ca	max. 1000 ppm
Mg	max. 2500 ppm
Sr	max. 100 ppm
Ba	max. 10 ppm
Al	max. 20 ppm
Cl	max. 100 ppm

Deliveries are accompanied by a lot specific certificate of analysis. If any of these values is critical to your application, please let us know.

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.



PHYSICAL PROPERTIES

Appearance	liquid
Color	colorless
Melting point/ range	< 0 °C
Viscosity, dynamic	(No data available)
Flash point	(Not applicable)
Density	ca. 1.65 g/cm ³ at 20 °C
Water solubility	(completely miscible)
Molecular weight	361.87 g/mol
Additional Physical Properties	Concentration: 50 - 52 % by weight

HANDLING & STORAGE

Handling	Contact to skin and eyes should be avoided.
Storage	Cesium sulfate solution should be stored in tightly closed containers.

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.

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Packaging

Mauser containers or PE-cans. Alternative packaging on request. Smaller units available at surcharge.

OTHER INFORMATION

Further Related
Documents

Safety Data Sheet

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