

TECHNICAL DATA SHEET

Date of Issue: 2021/07/22

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

CAS-No.	10294-54-9
EC-No.	233-662-6
REACH No.	01-2119977125-33-0000
Molecular formula	Cs ₂ SO ₄
Product number	10000320, 10000321, 10001837

APPLICATION	This product is particularly used as promoter in heterogeneous catalysts (e.g. sulfuric acid, phthalic anhydride etc.).
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PURITY	min. 99 %
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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

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.



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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.

PHYSICAL PROPERTIES

Appearance	liquid
Colour	colourless
Melting point/range	< 0 °C
Density	ca. 1.65 g/cm ³ at 20 °C
Water solubility	(completely soluble)
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

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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

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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