TECHNICAL DATA SHEET

Date of Issue: 2016/08/26

Cesium Acetate, purity min. 99.9 %

CAS-No. 3396-11-0

EC-No. 222-248-0

Molecular Formula CsOOCCH3

Product Number 425055

APPLICATION

Cesium acetate is useful in organic synthesis.

Yields in a Perkin reaction are for example 2- to 9-fold higher as compared to the classic sodium acetate route:

E. Koepp, F. Vögtle; Synthesis (1987) 177.

PURITY min. 99.9%

SPECIFICATION

Li	max. 5 ppm
Na	max. 100 ppm
K	max. 250 ppm
Rb	max. 250 ppm
Ca	max. 10 ppm
Mg	max. 4 ppm
Sr	max. 5 ppm
Ва	max. 30 ppm
Al	max. 10 ppm
Fe	max. 5 ppm
Cr	max. 1 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.



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Mn	max. 1 ppm
SO4	max. 50 ppm
SiO2	max. 50 ppm
CI	max. 100 ppm

If any of these values is critical to your application, please let us know.

A highest purity product is available on request.

PHYSICAL PROPERTIES

Appearance Crystalline powder

Color white

Melting point/ range 194 °C

Density (not determined)

Bulk density 900 - 1,100 kg/m3

Water solubility 10,190 g/L at 21.5 °C

Molecular weight 191.95 g/mol

HANDLING & STORAGE

Handling in moist air should be avoided.

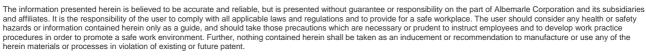
Storage Because of its hygroscopic character cesium acetate should be stored in tightly

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

Polyethylene bottles or polyethylene bags in drums (fiber drums, clamping ring drums, steel drums, steel drums with polypropylene inner lining). Alternative packaging on request. Smaller units available at surcharge.

OTHER INFORMATION

Further Related Documents

Safety Data Sheet

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