TECHNICAL DATA SHEET

Date of Issue: 2016/08/26

Cesium Chloride, purity min. 99.99 %

CAS-No. 7647-17-8

EC-No. 231-600-2

REACH No. 01-2119977124-35

Molecular Formula CsCl

Product Number 425031

APPLICATION Cesium chloride is used in organic synthesis and in titanium dioxide manufacturing

processes.

PURITY min. 99.99 %

SPECIFICATION

Li	max. 1 ppm	
Ni	max. 5 ppm	
Pb	max. 5 ppm	
SiO2	max. 5 ppm	
SO4	max. 10 ppm	
Mn	max. 1 ppm	
Cr	max. 1 ppm	
Fe	max. 1 ppm	
Al	max. 1 ppm	
Ва	max. 10 ppm	
Sr	max. 5 ppm	
Mg	max. 2 ppm	
Ca	max. 5 ppm	

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Rb	max. 30 ppm
K	max. 15 ppm
Na	max. 10 ppm
insolubles	max. 25 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 crystalline

Color white

Melting point/ range 642 °C at 1,013 hPa Method: OECD Test Guideline 102

Boiling point/boiling

range

1,297 °C

Density 3.97 g/cm3 at 20 °C Method: OECD Test Guideline 109

Bulk density ca. 2,000 kg/m3

Water solubility > 1,000 g/L at 20 °C Method: OECD Test Guideline 105

Molecular weight 168.36 g/mol

HANDLING & STORAGE

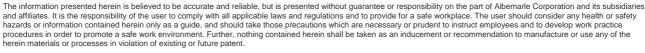
Storage Cesium chloride is hygroscopic and should thus be stored in tightly closed

containers under exclusion of moisture.

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

OTHER INFORMATION

Further Related Documents

Safety Data Sheet

