TECHNICAL DATA SHEET

Date of Issue: 2016/08/29

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

CAS-No. 7647-17-8

EC-No. 231-600-2

REACH No. 01-2119977124-35

Molecular Formula CsCl

Product Number 423631

APPLICATION Cesium chloride is particularly used for organic synthesis, tracer purposes and in

titanium dioxide manufacturing processes.

PURITY min. 99 %

SPECIFICATION

Li	max. 20 ppm
Na	max. 1000 ppm
K	max. 200 ppm
Rb	max. 2000 ppm
Ca	max. 20 ppm
Mg	max. 20 ppm
Sr	max. 50 ppm
Ва	max. 50 ppm
Al	max. 50 ppm
Fe	max. 10 ppm
Cr	max. 10 ppm
SO4	max. 200 ppm

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SiO2 max. 100 ppm

Values are based on the dry salt. The solution may contain insoluble matter.

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 aqueous solution

Color colorless

Boiling point/boiling

range

ca. 100 °C

Density 1.58 - 1.64 g/cm3 at 20 °C

Water solubility (completely miscible)

Molecular weight 168.36 g/mol

Additional Physical

Properties

Concentration: 50 - 53 % by weight

HANDLING & STORAGE

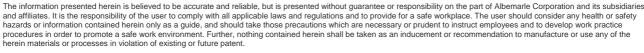
Handling Contact to skin and eyes should be avoided.

Storage Cesium chloride 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

IBC containers (e.g. Mauser, Schütz) or PE cans. Alternative packaging available on request.

OTHER INFORMATION

Further Related Documents

Safety Data Sheet

