

NSF GRADE LIQUID CALCIUM CHLORIDE

Product Data Sheet

General Description

NSF Grade liquid calcium chloride (CaCl_2) is an odorless, slightly alkaline, colorless fluid with a typical concentration of 28 to 38 percent.

Applications

TETRA NSF Grade liquid calcium chloride is used for water treatment and complies with ANSI/NSF 60.

Availability

NSF Grade liquid calcium chloride is available from select plant and terminal locations throughout North America. For the location nearest you, refer to the plant and terminal map available on our website (www.tetrachemicals.com) or contact your TETRA sales or customer service representative.

Safety and Handling

Liquid calcium chloride is a strong salt solution. Wear appropriate protective, impervious clothing. Wear safety glasses with non-flexible side shields or chemical goggles for proper protection of the eyes. Wear appropriate protective non-leather protective gloves and boots. Chemical protective gloves and boots such as PVC or Nitrile are recommended. Leather products do not offer adequate protection and will dehydrate with resultant shrinkage and possible destruction. This product should be handled in areas with proper ventilation. Before using this product, refer to the SDS which is available on the Company's website for complete safety and handling guidelines.

PHYSICAL PROPERTIES

Appearance	colorless liquid
Odor	None
Assay	28 to 38% by weight CaCl_2
Crystallization Temperature	-38°F (-39°C) to 42.1°F (5.6°C)
Specific Gravity @ 68°F (20°C)	1.264 to 1.3785
Bulk Density	10.53 to 11.49 lb/gal

CHEMICAL PROPERTIES

Chemical	CaCl_2
pH	Slightly alkaline
Impurities (on 100% CaCl_2 basis)	
Alkali Chlorides	< 0.1% by weight
Magnesium (as MgCl_2)	< 0.1% by weight
Other Impurities (not H_2O)	< 1.0% by weight

TETRA Chemicals

24955 Interstate 45 North
The Woodlands, Texas 77380

Phone: 281.367.1983

Customer Service: 800.327.7817

Fax: 281.298.7150

www.tetrachemicals.com

Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other governmental enactments. Seller assumes no obligation or liability for the information in this document. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED. Further, nothing contained herein shall be taken as a recommendation to manufacture or use any of the herein described materials or processes in violation of existing or future patents.