

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

Calcium chloride liquid is a strong salt solution. Protective clothing, rubber gloves and eye protection are recommended. Rubber safety boots should also be worn in work areas, since calcium chloride can damage leather. This product should be handled in areas with proper ventilation. Before using this product, refer to the MSDS (available on the Company's website) for complete safety and handling guidelines. For proper disposal guidelines for calcium chloride wastes, consult the appropriate local regulatory authorities.

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

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