



SUPERSET LIQUID CALCIUM CHLORIDE

Product Data Sheet

TETRA CHEMICALS

General Description

SuperSet™ liquid calcium chloride (CaCl_2) is an odorless, slightly alkaline, colorless fluid with a typical concentration of 28 to 32 percent CaCl_2 .

Applications

SuperSet liquid calcium chloride is used in concrete to promote an accelerated rate of hydration in cement. Ready-mixed concrete containing SuperSet liquid (CaCl_2) offers significant economic benefits to concrete contractors, through reducing costs and improving performance and profits. SuperSet liquid (CaCl_2) meets ASTM D98-95.

Availability

SuperSet liquid calcium chloride is available from over 20 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

SuperSet liquid calcium chloride 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	Clear/colorless liquid
Odor	None
Assay	28 to 32% by weight CaCl_2
Crystallization Temperature	-38°F (-39°C) to -19.5°F (-28.6°C)
Specific Gravity @ 68°F (20°C)	1.264 to 1.308
Bulk Density	10.53 to 10.9 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

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