

SUPERSET LIQUID CALCIUM CHLORIDE

Product Data Sheet

General Description

SuperSet™ liquid calcium chloride (CaCl₂) is an odorless, slightly alkaline, colorless fluid with a typical concentration of 28 to 32 percent CaCl₂.

Applications

SuperSet liquid calcium chloride is used in concrete to promote an accelerated rate of hydration in cement. Ready-mixed concrete containing SuperSet liquid (CaCl₂) offers significant economic benefits to concrete contractors, through reducing costs and improving performance and profits. SuperSet liquid (CaCl₂) 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. 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	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% CaCl₂ basis)	
Alkali Chlorides	< 0.1% by weight
Magnesium (as MgCl₂)	< 0.1% by weight
Other Impurities (not H₂O)	< 1.0% by weight

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