
Standard Specification for Calcium Chloride

AASHTO Designation: M 144-14 (2022)

Technically Revised: 2014

Reviewed but Not Updated: 2022

Editorially Revised: 2022

Technical Subcommittee: 4c, Markings and Coatings



**American Association of State Highway and Transportation Officials
555 12th Street NW, Suite 1000
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1. SCOPE

- 1.1. This specification covers technical grade calcium chloride used for pretreatment of and deicing road surfaces, dust control, stabilizing, and conditioning road surfaces, and for accelerating the set of concrete not reinforced with steel. Other uses may also be appropriate.
- 1.2. This specification is applicable for orders in either SI units or inch-pound units. SI and inch-pound units are not necessarily equivalent. Inch-pound units are shown in brackets in the text for clarity, but they are applicable values when the material is ordered.
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2. REFERENCED DOCUMENTS

- 2.1. *AASHTO Standard:*
- [T 143](#), Sampling and Testing Calcium Chloride for Roads and Structural Applications
- 2.2. *ASTM Standards:*
- [D98](#), Standard Specification for Calcium Chloride
 - [D1429](#), Standard Test Methods for Specific Gravity of Water and Brine
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3. CLASSIFICATION

- 3.1. The types, concentrations, grades, and classes shall be as specified in [ASTM D98](#).
- 3.2. This specification also covers calcium chloride used in the form of brine, defined as a liquid saturated with chloride.
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4. ORDERING INFORMATION

- 4.1. *Orders for material under this specification shall include the following information as necessary to adequately describe the desired product:*
- 4.1.1. AASHTO designation and year of issue;
- 4.1.2. Type, grade, and class of product required;
- 4.1.3. Quantity required;
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