



Specialized in chemicals

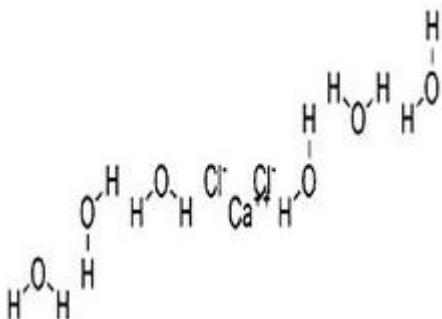
Technical Data Sheet

Hefei TNJ Chemical Industry Co.,Ltd.
B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China
Tel : (0086) 551 65418695
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnjchem.com

Calcium chloride

Product Information

Chemical Name	Calcium chloride
CAS #	10035-04-8/10043-52-4
Formula	CaCl ₂ or CaCl ₂ . 2(H ₂ O)
Synonyms	Calcium chloride dihydrate
Chemical Structure	



Description

White flake, granular,pellet,can be used as snow-melting agent in roads, highways, park, airport, golf course in winter and water treatment as stabilizer.

Physical Properties

Apperance	white flake,granular,pellet
Density	1.086
Boiling point	1600°C
Flash point	>1600°C
Melting point	772C

Specification

Assay, %	≥74%
NaCl	≤4%
MgCl ₂	≤0.5%
SO ₄	≤0.05%
Heavy metal	≤10ppm
Gravimetry	≤0.3%
Water insoluble	≤0.2%
PH value	8-10

Types

74%-77% flake
74%-77% pellet
74%-77% granular
74%-77% Powder
92%-94% pellet
92%-94% granular
92%-94% powder

Applications

- 1.Used as snow-melting agent in roads, highways, park, airport, golf course in winter.
- 2.Oil drilling, well drilling operating fluid, completion fluid.
- 3.Petrochemical engineering dehydration fluid.
- 4.Dust proof in roads, mining area and so on.
- 5.Construction industry early strength agent, enhance concrete strength, product coating coagulator.
- 6.Used as moisture proof drying agent, drying medium between gas and liquid in processing.
- 7.Rubber industry latex coagulating agent.
- 8.Ferrous metallurgy industry used as chlorinating agent and additive.
- 9.Paper industry used as additive waste paper deinking agent.
- 10.Chemical industry used as inorganic chemical material sulfate radical desorption agent, sodium alginate coagulator.
- 11.Refrigeration industry used as refrigerating cycle mediator.
- 12.Antiseptic for wheat, apple, Chinese cabbage and food antiseptic.
- 13.Used in dye and printing and dyeing industry.
- 14.Widely use in water treatment such as swimming pool, water system,industry water system to treat as stabilizer

Packaging

25kg/bag,1000kg/bag, 21Metric Tons per container or as request

Storage & Handling

Store in a dry, cool, well-ventilated area away from heat ,open flames, organic chemicals and light.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.