



SINCE 1885

SETH NANDRAM DAULATRAM BIYANI

CALCIUM CHLORIDE

"WE ARE INDIA'S LARGEST EXPORTER FOR CALCIUM CHLORIDE WITH MONTHLY EXPORT VOLUMES OF MORE THAN 5000MT."



"Creating Chemistry between India and the World"

CALCIUM CHLORIDE

Calcium Chloride has the chemical formula CaCl_2 . Calcium chloride is an ionic compound consisting of the calcium cat-ion Ca^+ and two chloride anion Cl^- and is manufactured in the laboratory by taking simple steps.

Calcium Chloride is crucial for industry growth, preventing ice formation and reducing water freezing points, accounting for 70-80% of production. It also manipulates hydrates' hygroscopic properties.

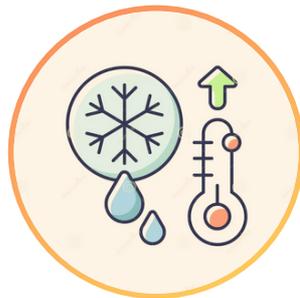
Calcium Chloride is a non-corrosive, non-toxic compound that can cause burns in the esophagus and oral cavity when ingestion, contact with wet skin, or eyes.



FEATURES & BENEFITS



Helps to regulate the
HARDNESS OF WATER



High heat of dissolution, which
helps for **FASTER MELTING**



MAINTAINS MOISTURE, which
enhances soil compaction



SUCKS UP WATER from petroleum



SHALE SWELLING IS DECREASED by calcium chloride

APPLICATIONS



PETROLEUM

- Additive to oil well completion fluids
- Cementing finished oil wells
- Drying petroleum fractions



FOOD

- Cheese, brining, beer
- Bakery Food
- Tofu, and sports drinks



FRESH PRODUCE & FRUITS IN CANS

- To boost firmness and shelf life, it is used to preserve fresh fruits, canned fruits, and pickled vegetables.



CONSTRUCTION

- Cold-weather concrete additive
- Soil solidification
- Tractor tire weighting



OIL & GAS

- Calcium Chloride can be used as a shale inhibitor. Shale inhibitors are used to prevent shale from swelling.



HIGHWAY MAINTENANCE

- Dustlaying
- Snow and ice control

SPECIFICATION OVERVIEW

CaCl₂ 94%

| PARAMETER | SPECIFICATION | |
|--|---------------|-------------|
| | PRILLS | POWDER |
| Purity | 94% - 97% | 94.00% min. |
| Sodium Chloride (NaCl) | 3.00% max. | 3.00% max. |
| Calcium Hydroxide as Ca(OH) ₂ | 0.30% max. | 0.30% max. |
| Moisture | 0.50% max. | 0.50% max. |
| Sulphates as (SO ₄) | 0.20% max. | 0.20% max. |
| Water Insoluble Matter | 0.15% max. | NIL |
| Iron as (Fe) | 0.08% max. | 0.08% max. |
| Bulk Density | 0.75 gm/cc | 0.50 gm/cc |
| Turbidity (of 36% bgwt. sdn) | 75 NTU max | 40 NTU max |



CaCl₂ 77%



| PARAMETER | SPECIFICATION | |
|--|---------------|------------|
| | LUMPS | POWDER |
| Assay | 74% – 77% | 77% min. |
| Matter Insoluble in water | 0.50% max | 0.50% max. |
| Magnesium Chloride (as MgCl ₂) | 2% – 3% | 0.70% max. |
| Alkalinity as Ca(OH) | 0.20% | 0.20% |
| Chlorides as (NaCl) | 0.15% – 0.25% | 2.00% max. |
| pH of 5% soln. at 25oC | 6 – 7 | 8 – 9 |
| Iron Content, ppm | - | 15 max. |
| Moisture Content | 20% – 22% | 5% – 6% |

ABOUT US

We are India's top Chemical Exporters and Suppliers of Organic and Inorganic Chemicals. We are well-known for our high-quality products and extremely competitive costs. Our company's products and services adhere to Internationally Accepted Standards. Our company is also ISO 9001:2008 certified.

SNDB targets India's potential as a major global chemical industry player, focusing on exporting and supplying chemicals under the slogan

"Creating Chemistry between India and the World."

The company aims to help India realize its potential and dominate 80% of global chemicals traded and utilized.



SNDB delivers Indian chemicals globally, focusing on quality, efficient logistics, and business excellence.



Our excellence is achieved through quality, knowledge, leadership, collaboration, personal development, and recognition.



SNDB values integrity, reliability, and customer-centricity, prioritizing honesty, quality, and meeting customer needs in all departments and operations.



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