

# Technical Data Sheet

## Calcium Hypochlorite 35%



përoma®

Calcium Hypochlorite - 35% is a widely used chemical. It decomposes on contact with water, releasing chlorine at the point of application. This makes it a strong oxidizing and bleaching agent.

Properties	
Appearance	White, Fine Free-Flowing Powder
Bulk Density	0.8 - 1.2 g/ml
Physical State	Solid
Solubility In Water	Mixes in Water
Odour	Pungent

Chemical Identity	
Formula	Ca (OCI) <sub>2</sub>
Modecular Weight	143
UN No.	1748
CAS No.	7778-54-3

Specifications	Export Grade
Available Chlorine (min.)	35%
Parts Stability (max.)	1/15
Moisture (%) (max.)	0.30
Particles passing through 1:7 mm (10 mesh) IS Sieve (min.)	99.5%

Packaging
In PP drums with single inner liner (17Kg )
In HDPE bags with double inner liner (25Kg)
In HDPE drums with single inner liner (45Kg )

### Applications

Calcium Hypochlorite is basically a disinfectant and a bleaching agent. It finds application in Water Treatment, Swimming Pool, Textile Mills, Hand Looms and Power Looms, Hosiery, Laundry, Paper, Soap and Silicate manufacturing and as oxidizing agent in organic synthesis. It is not for Medicinal Use.

### Safety / Precaution:

Keep away from water, acid, combustible materials and heat.

### Storage:

Store in a cool, dry, well ventilated area, away from the source of heat, direct sunlight.

### First Aid Measures

- Eyes : Flush eyes with a stream of water for atleast 15 minutes  
Skin : Flush thoroughly with cool water under shower while removing contaminated clothing and shoes. Discard non-rubber shoes  
Inhalation : Remove to fresh air  
Ingestion : If swallowed, do not induce vomiting, although it may occur spontaneously.