Technical Data Sheet

Calcium Hypochlorite

Physical Data

Property	Details
Description	White to off-white free flowing granular material free of foreign matter. Has a strong chlorine odour.
Molecular Formula	$Ca(OCl)_2$
Molecular Weight	142.98
Bulk Density	0.80 g/mL (average, loose)
Water Solubility	21 grams / 100 mL water (@ 25°C). Product also contains calcium hydroxide and calcium carbonate which will leave a residue.
pH	10.5 – 11 (5% solution in neutral, distilled water) (@ 25°C)

Sales Specification

Certified by NSF/ANSI/CAN Standard 60 for disinfection, oxidation and algicide up to a maximum of 12 mg/L.

Parameter	Specification
Calcium Hypochlorite	70.0 w/w% min nominal
Available Chlorine	70.0 w/w% min nominal
Water	5.5 – 8.5 w/w% min-max

Particle Size (U.S. Standard Sieve)

Parameter	Specification
Granular size ASTM 14	96% min
Granular size ASTM 100	4% max
No. 16	1.0 w/w% max
No. 70	1.5 w/w% max

Read the **Material Safety Data Sheet (MSDS)** for special handling information

COSMO CHEMISTRY

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