

Technical Data Sheet

Calcium hypochlorite (CA(CLO)2)

Calcium hypochlorite appears as a white granular solid (or tablets compressed from the granules) with an odor of chlorine. Toxic, irritating to the skin. Noncombustible, but will accelerate the burning of combustible materials. Prolonged exposure to fire or heat may result in the vigorous decomposition of the material and rupture of the container. Diluted samples may undergo reactions as described above if they contain less than 39% available chlorine but take longer to become involved and react less vigorously. Used for water purification, disinfectant for swimming pools, for bleaching paper and textiles.

Application:

Disinfection of drinking/ swimming pools waters, hospital environments, bleaching and production of sodium hypochlorite.

Composition	Unit	Isiri 7098 Spec	Isiri 3352 Spec	Specification
Av. Chlorine	% w/w	Min 65	Min 65	67
Nacl	% w/w	Max 20	--	17
Solubility(as av.Chlorine)	% w/w	Min 45.5	--	49
Insoluble in water	% w/w	Max 8	--	7
H2O	% w/w	2-8	2-8	5
As	mg/kg	Max 10	--	0.9
Cd	mg/kg	Max 10	--	1.1
Cr	mg/kg	Max 15	--	0.8
Hg	mg/kg	Max 7	--	0
Ni	mg/kg	Max 10	--	1.2
Pb	mg/kg	Max 15	--	<1
Sb	mg/kg	Max 15	--	<1
Se	mg/kg	Max 20	--	<1
Fe	% w/w	--	Max 0.5	0.01
Remain on mesh 425 micron	% w/w	Min 75	Min 75	75
Remain on mesh 2mm	% w/w	Max 20	Max 20	18