

PRODUCT SPECIFICATION



SOLAR SALT

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CHLORGEN (ELECTROLYTIC CELL SALT)

COMPONENTS	CONCENTRATION	TYPICAL
Sodium Chloride as NaCl - Minimum moisture free	Min 99.5%	99.8%
Moisture Content	Max 2.5%	1.8%
Matter Insoluble in water	Max 0.05%	0.02%
Sulphate as Na ₂ SO ₄	Max 0.30%	750 mg/kg
Calcium as Ca	Max 0.06%	200 mg/kg
Magnesium as Mg	Max 0.04%	15 mg/kg
Arsenic as As	NS	<0.1 mg/kg
Copper as Cu	NS	<0.5 mg/kg
Lead as Pb	NS	<0.1 mg/kg
Iron as Fe	NS	2.0 mg/kg
Potassium as K	NS	100 mg/kg
Anticaking or Free Flowing Agents	Nil	Nil

Notes: < Less than > Greater than ppm = mg/kg = (% x 10,000)

GRADE DESCRIPTION:

Chlorgen purified salt is prepared for making brine for electrolytic cell plants; to help sustain the guaranteed performance of the cell plant. The low levels of calcium, magnesium and sulphate ions in this salt ensure minimum deposit on cell electrodes over extended use, thus greatly reducing the need to acid wash the cells. This therefore reduces the need to store and handle acids but more importantly prolongs the life of the expensive precious metal electrodes. Chlorgen salt contains low insolubles, thus substantially reducing the characteristic surface scum experienced when large quantities of salt are dissolved to form a brine solution.

Chlorgen salt has been specially developed for production of sodium hypochlorite in industrial salt chlorination systems as well as for domestic swimming pool chlorinators. Chlorgen salt may also be used for cell regeneration of water softeners. In fact anywhere a good quality brine is required this salt should be used.

GRAIN SIZE: Unspecified but nominally under 10mm

BULK DENSITY: Nominally: loose 1.11 to 1.21g/ml, compacted 1.30 to 1.45g/ml

COMPLIANCE - *Dominion Salt is ISO 9001 certified*

PACK: Bulk Bag Woven Polypropylene without liner (Weight by arrangement)
20kg Woven Polypropylene sack without liner / BOPP Bag (Gravure)

PALLETS: *Small packs:* Standard pallet configuration is 60 x 20kg bags (1.2 tonnes per pallet) The salt is stretch wrapped and capped on pallets
Bulk Bags: Standard configuration is one bulk bag per pallet.

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