

PRODUCT SPECIFICATION

Solar Salt Coarse - Sodium Chloride (NaCl)

CHLORGEN (ELECTROLYTIC CELL SALT)		
Components	Specification	Regulatory Standard
Sodium Chloride as NaCl - Minimum moisture free	Min 99.5%	DSL
Moisture Content	Max 2.5%	DSL
Matter Insoluble in Water (other than calcium sulphate)	Max 0.05%	DSL
Sulphate as Na ₂ SO ₄	Max 3000 mg/kg	DSL
Calcium as Ca	Max 600 mg/kg	DSL
Magnesium as Mg	Max 400 mg/kg	DSL
Arsenic ¹ as As	Max 0.5 mg/kg	DSL
Cadmium ¹ as Cd	Max 0.5 mg/kg	DSL
Copper ¹ as Cu	Max 2.0 mg/kg	DSL
Lead ¹ as Pb	Max 2.0 mg/kg	DSL
Mercury ¹ as Hg	Max 0.1 mg/kg	DSL
Food Additives:		
Additive 535 as Na ₄ Fe(CN) ₆	ND	DSL

NOTES: ppm = mg/kg = (% x 10,000)

1. Test performed on incoming bulk salt shipment before refining.

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 insoluble matter, 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.

COUNTRY OF ORIGIN:

Product of New Zealand

BULK DENSITY:

Nominally: loose 1.11 – 1.21g/ml, compacted 1.30 – 1.45g/ml

COMPLIANCE:

Dominion Salt is ISO 9001, FSSC 22000 certified

PACKAGING:

20kg Laminated Woven Polypropylene without liner / BOPP Bag (Gravure)
 Bulk bag Woven Polypropylene without liner

BATCH MARKS:
Small Pack

YYMM - 1 (or - 9) DOM 123 HH:MM
 (- 1 for salt processed by Mt Manganui Refinery
 (- 9 for salt processed by Lake Grassmere Refinery)
 DOM 123 (Julian date of manufacture 001-365)
 HH:MM time the product was packed

Bulk bag

YYMM - 1 (or - 9)
 (- 1 for salt processed by Mt Manganui Refinery
 (- 9 for salt processed by Lake Grassmere Refinery)

PALLETS:

20kg packs: Standard pallet configuration is 60 x 20kg bags (1.2 tonnes per pallet)

Bulk Bags: Standard configuration is one bulk bag per pallet.

All salt is stretch wrapped and capped on pallets with a pallet sheet between the pallet and the salt.

Authorised by:	Title:	Sign:	Date:
James Natzka	Quality Manager		19/03/20