

## PACIFIC CHLORGEN (ELECTROLYTIC CELL SALT)

Solar Salt Coarse - Sodium Chloride (NaCl)		
Components	Specification	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 <sub>2</sub> SO <sub>4</sub>	Max 3000 mg/kg	DSL
Calcium as Ca	Max 600 mg/kg	DSL
Magnesium as Mg	Max 400 mg/kg	DSL
Arsenic <sup>1</sup> as As	Max 0.5 mg/kg	DSL
Cadmium <sup>1</sup> as Cd	Max 0.5 mg/kg	DSL
Copper <sup>1</sup> as Cu	Max 2.0 mg/kg	DSL
Lead <sup>1</sup> as Pb	Max 1.0 mg/kg	DSL
Mercury <sup>1</sup> as Hg	Max 0.1 mg/kg	DSL
<b>Additives:</b>		
Additive E535 as Na <sub>4</sub> Fe(CN) <sub>6</sub>	Not applicable	Not applicable

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

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

**COUNTRY OF ORIGIN:**

» Made in New Zealand

**BULK DENSITY:**

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

**COMPLIANCE:**

» Dominion Salt Ltd is ISO 9001, FSSC 22000 certified

**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. Anywhere a good quality brine is required this salt should be used.

**PACAKAGING:**

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

\***YYYYMMDD** (Full date only applies for MM site)

**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

Stretch wrapped and capped on pallets with a pallet sheet between the pallet and the salt.

Authorised by:	Title:	Sign:	Date:
Royce Downes	QHSE Manager		11/04/2025

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**Head Office & North Island Refinery**

89 Totara St, Mount Maunganui 3116, New Zealand  
PO Box 4249, Mount Maunganui 3149, New Zealand  
P: +64 7 575 6193 F: +64 7 575 3017  
E: sales@domsalt.co.nz  
www.domsalt.co.nz

**Lake Grassmere & South Island Refinery**

Kaparu Rd, Marlborough 7285, New Zealand  
PO Box 81, Seddon 7247, New Zealand  
P: +64 3 575 7021 F: +64 3 575 7002  
E: sales@domsalt.co.nz  
www.domsalt.co.nz