

PRODUCT DATA SHEET

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LIQUID CHLORINE (Cl₂)

TDS 002/R0

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LIQUID CHLORINE is a heavy, toxic, greenish yellow liquid under pressure having pungent and suffocating odour: Minimum 99.5% pure.

APPLICATION

- Water and disinfecting agent
- PVC manufacture
- Manufacture of synthetic rubber
- Chlorinated hydrocarbons
- Chlorinated paraffins
- Bleaching agent
- Waste and sewerage treatment
- Sanitizing agent

LIQUID CHLORINE, although packed in cylinders and drum under pressure, is usually used as a gas obtained by evaporation of liquid from the cylinder. It is a stable compound under atmospheric temperature and pressure. This product is approved by NSF/ANSI/CAN 60 for the treatment of potable water supplies at dosages up to 30 mg/l. N.B. Always store chlorine cylinders (70 kg) in an upright position and drums (900, 925, 940, 990kg) on their sides. Keep full and empty containers separated.

TYPICAL PROPERTIES

Appearance : Greenish-yellow gas (liquid)

Chlorine concentration (%v/v) : 99.5% min

Complies with SABS CKS 6.

CP Chlorine is free of toxic materials such as CYANIDE, LEAD, & MERCURY, etc.

TECHNICAL SERVICE

The Specialities division has a team of technical experts who will undertake all the necessary investigations and trials to ensure that you obtain the most effective treatment solutions. To ensure the best results are achieved optimum product dosage and ideal plant conditions are required.

OTHER PRODUCTS

NCP Chlorchem specialises in a wide range of products. The range includes:

POLYAMINES

FERROUS CHLORIDE

POLYDADMACS

CAUSTIC SODA LYE (NaOH)

ALUMINIUM CHLOROHYDRATE

HYDROCHLORIC ACID

ALUMINIUM CHLOROHYDRATE/POLYAMINE BLENDS

SODIUM HYPOCHLORITE

ALUMINIUM CHLOROHYDRATE/POLYDADMAC BLENDS

FERRIC CHLORIDE