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Lee & Man Chemical

Product Name : Liquid Chlorine

Molecular Formula : Cl₂

Appearance and Properties : A greenish yellow liquid with pungent and irritating odor and is highly corrosive.

Main Uses : Used as bleaching agent, particularly for paper and textiles; in metallurgical industry; in manufacturing of inorganic chemicals, chlorinated organic chemicals, household and personal products and pesticides; in water treatment and disinfection.

Analytical Standard : GB 5138-2006

Technical Data : Liquid chlorine meets the following physical properties :

| Item | Premium | Grade A | Pass |
|------------------------------|---------|---------|-------|
| Chlorine content/v/% ≥ | 99.8 | 99.6 | 99.6 |
| Water/%≤ | 0.01 | 0.03 | 0.04 |
| NCl ₃ /%≤ | 0.002 | 0.004 | 0.004 |
| Residue after evaporation/%≤ | 0.015 | 0.01 | — |

Packaging, Storage and Transportation : Packed in 1000kg or 500kg container, or in 25t tanked track. Chlorine should be stored in a cool, dried and well-ventilated storehouse. It should be kept away from fire and any heat source. The temperature of the storehouse should be lower than 30°C with relative humidity less than 80%. Chlorine should be stored separately from inflammables, alcohols, food-grade chemicals. Emergency equipment for leakage incident should be installed in the storing place.