

i GENERAL DESCRIPTION

Chlorine is a green-yellowish gas, with specific odor, irritating and choking.

The product easily liquefies under pressure even at normal temperature. Chlorine is heavier than the air and accumulates in lower areas. It easily dissolves in water, resulting in a yellow-greenish solution (chlorine water), unstable at contact with light. Chlorine easily dissolves in chlorinated organic solvents: chloroform, carbon tetrachloride, di-chloroethane, etc.

Q TECHNICAL QUALITY CONDITIONS

No.	Properties	U.M.	Admissibility conditions
1	Chlorine content	% vol.	min. 99.8
2	Nitrogen Trichloride content	mg/kg	max. 10
3	Water content	mg/kg	max. 50
4	Non-volatile residues content	% (g)	max. 0.05

flask USES

- in the chemical and petrochemical industry, in synthesis to obtain: polyvinyl chloride, non-chlorinated polymers, chloromethane, epichlorohydrin, hydrochloric acid, sodium hypochlorite
- in pulp and paper industry
- in textile industry
- as disinfectant for drinking, pool, cooling and waste water treatment

box PACKING

- in pressure resistant steel railway tanks/road tankers
- in pressure resistant steel bottles
- in pressure resistant steel containers

Packages must be authorized by the competent authorities (ISCIR) and will be loaded accordingly to a filling level of maximum 80% by volume

house STORAGE

The product is stored in its original packaging or in pressure tanks, certified by ISCIR, away from heat, moisture and bad weather action, separate from flammable, combustible and / or incompatible substances; the tanks will be connected to the grounding belt

truck TRANSPORT

Transport is made with adequate means of transport, separately from other chemical products, by railway tanks or road tankers