

i GENERAL DESCRIPTION

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

The product easily liquefies under pressure even at normal temperature. Chlorine is heavier than 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, dichloroethane, etc.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Chlorine (Cl ₂), min. (v/v)	%	99.8
2	Water, max. (w/w)	ppm	35
3	Nitrogen trichloride (NCl ₃), max.	ppm	12

flask APPLICATIONS

- production of hydrochloric acid;
- water purification;
- synthesis of some chemical products.

document GENERAL CHARACTERISTICS

Specific Properties	Value
Molecular weight	70.914
Boiling point	-33.6°C
Vapour pressure at 20°C	6860 mmHg
Density in gaseous state at 0°C and 760 mm Hg	3.214 g/cm ³
Density in liquid state at 0°C and 3.65 atm	1.47 g/cm ³

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

box PACKING

Liquid chlorine is packed in special tanks, supplier or customer property, and in cylinders or containers, customer property.

house STORAGE

Liquid chlorine is stored in special equipped storage tanks.

truck TRANSPORT

Road transportation is made in special motor vehicles, accompanied by an authorized delegate, instructed in this respect. The rail tanks should be accompanied by an authorized delegate up to the Romanian border.

! Methods for measuring the technical characteristics are available on request

All informations contained in this product data sheet is provided for your consideration, research and verification. For a better suitability of the product to your purpose, we recommend you carry out tests before using the product. We advise you to have your own decisions regarding safety, proper handling, storage, use and disposal. We expressly disclaim any liability for any loss, damage or expense resulting from reliance on the information provided herein. For more information, please refer to our safety data sheet.