

i GENERAL DESCRIPTION

Sodium hypochlorite is obtained by passing chlorine through a solution of sodium hydroxide. It is a clear, pale yellow or greenish aqueous solution, with a specific odor of chlorine.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Appearance	-	clear liquid
2	Color	-	yellow-greenish
3	Active chlorine (Cl), min.	%	13
4	Chlorides (Cl), max.	%	1.5
5	Free sodium hydroxide.	%	0.7 - 2
6	Sodium carbonate, max.	%	2

fl APPLICATIONS

- as bleaching agent in textile, paper and pulp industries;
- as oxidizing agent in chemical industry;
- water treatment.

fl GENERAL CHARACTERISTICS

Specific Properties	Values
Relative molecular weight	74.44
Boiling point (range)	48 – 76 °C, with decomposition in sodium chlorate and chloride
Density, g/cm ³	1.09 for solution 5.25%
	1.15 for solution 8.0%
	1.21 for solution 12.0%

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

fl PACKING

It is packed in supplier's steel tanks lined with rubber or polyvinyl chloride, with a capacity of 50 tones.

fl STORAGE

It is stored in metal reservoirs with anticorrosion inner protection, which are kept by cooling at temperatures of maximum 25°C. The storage at 15°C reduces the rate of decomposition.

fl TRANSPORT

Sodium hypochlorite solution can be shipped according to transport regulations for dangerous goods, hazard class 8, Corrosive substance.

! 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.