

Chlorosodic Products

SODIUM HYPOCHLORITE

12,5% active chlorine solution

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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.	Properties	U.M.	Admissibility conditions
1	Appearance and color	-	yellow clear liquid, without impurities
2	Available chlorine content	%	min. 12.5
3	Chlorides content	%	max. 1.4
4	Sodium hydroxide content	%	max. 2
5	Sodium carbonate content	%	max. 1.7
6	Density at 20°C	kg/l	1.20 - 1.31
7	Stability at 35°C for 24 hours (product at 130 g/l dilution)	g/l	max. 5
8	Oxygen release	ml	max. 9
9	Suds	sec.	max. 35
10	pH at 1% dilution at 20°C	unit.pH	min.10.5

flask USES

- as bleaching agent in textile, detergent and pulp and paper industry
- as intermediate for the manufacture of other products
- for drinking, pool and waste water treatment
- as disinfectant for sanitary equipment and surfaces

box PACKING

- in PVC or rubber protected steel railway tanks or road tankers
- in containers made of materials resistant to the action of sodium hypochlorite, provided with metal fitting, ADR approved
- others packages that ensure the product`s quantitative and qualitative integrity
- other packaging that ensures the quality and integrity of the product

house STORAGE

- the product is kept in anti-corrosive protected tanks or in its original package, in tight sealing conditions; the storage rooms must be proper ventilated, away from excessive heat
- it is recommended to avoid long term storage at temperatures above 35°C, in improper package made from materials which may react with the product

truck TRANSPORT

- transport is made by anti-corrosive protected railway tanks/road tankers, or by covered transport means
- the product in containers, drums / barrels and other product-resistant containers is transported by ADR authorized and approved vehicles, separately from other incompatible substances