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TECHNICAL DATA SHEET
SODIUM HYPOCHLORITE SOLUTION

Product Identification

Product Name : SODIUM HYPOCHLORITE SOLUTION
Chemical Name : Sodium Hypochlorite
Synonyms : Liquid Bleach, Bleach Solution, Sodium Oxychloride, Bleach, Hypo, Hypochlorite, Liquid Chlorine Solution
CAS No : 7681-52-9
UN No : UN 1791
Hazz Class : 8
Packing Group : III

Product Description

Sodium Hypochlorite is a clear alkaline oxidizing solution widely used as a bleaching agent, disinfectant, water treatment chemical, sanitizer, deodorizer, and oxidizing agent. It provides excellent antimicrobial activity against bacteria, viruses, fungi, and algae.

Specifications

Sr. No	Parameters	Specification	Result
01	Appearance	Clear Light-Yellow Liquid	Clear Light-Yellow Liquid
02	Available chlorine	120.0 GM / L Minimum	12.40%
03	Free Alkali	15.0 GM / L Maximum	1.38%
04	NaClO3	3.00 – 6.00	3.40
05	Na2CO3	2.00 – 6.00	2.90
06	Iron	2 ppm Maximum	Nil

Industrial Applications

Water Treatment, Swimming Pool Disinfection, Textile Bleaching, Paper & Pulp Industry, Food Processing Equipment Sanitization, Dairy Industry, Hospital Disinfection, Pharmaceutical Manufacturing, Municipal Water Supply, Wastewater Treatment, Laundry Industry, Surface Sanitization

Storage & Handling

Store in tightly closed HDPE containers. Protect from sunlight and heat. Store below 30°C. Keep away from acids and reducing agents. Do not use metal containers unless compatible. Use within recommended shelf life.

Packing

25 Litre HDPE Can, 35 Kg Drum, 50 Kg Drum, 250 Kg Drum, 1000 Litre IBC Tank

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