

SPECIFICATION

Product Name: Sodium Hypochlorite (Bleaching Liquid)
Chemical Formula: NaOCl
CAS Number: 7681-52-9
Molecular Weight: 74.44 g/mol
Appearance: Lemon yellow clear liquid
Odor: Odor.

Chemical Composition

Parameter	Unit	Typical Value	Specification (Min/Max)
Available Chloride	%	Complies	120 (12%) GPL
Free Alkalinity AS NaOH	%	Complies	1.8%
SP. Gravity	-	Complies	1.200

Physical Properties

- Solubility: Freely soluble in all proportions in water. Generally incompatible and may react or decompose in organic solvents. Decomposes; not generally considered soluble for formulation purposes in ethanol. Incompatible in acetone. Incompatible in ether.

Shelf Life & Storage

- Shelf Life: 1 years from date of manufacture under recommended storage.
- Storage Conditions: Store in a tightly closed, corrosion-resistant container in a cool, dry, and well-ventilated area, protected from direct sunlight, heat, and sources of contamination. Exposure to heat and light accelerates decomposition and reduces available chlorine content.

Applications

- Use: Widely used as a disinfectant, bleaching agent, oxidizing agent, and sanitizing chemical in domestic, institutional, industrial, and water treatment applications.
- Dosage: Depends on the concentration of the sodium hypochlorite solution (available chlorine %) and the intended application.

Packaging

- Standard Packing: 40 Liter Plastic Can or as per customer requirement.

-Labeling: Product name, batch number, net weight, manufacture date, expiry date, and manufacturer details.

* Specifications are based on the manufacturer's provided specifications.