

# SODIUM HYPOCHLORITE



## PRODUCT DESCRIPTION

Sodium Hypochlorite “NaClO”, commonly referred to as liquid bleach, is a chemical compound composed of the hypochlorite anion and sodium cation. It is a highly unstable and anhydrous substance that is prone to rapid decomposition, particularly when exposed to heat or light. The product is a yellowish liquid which has a distinct, sweetish, chlorine-like odor and is widely recognized for its powerful disinfectant properties.

	Units	BCI Specifications	Test Methods
Appearance	-	Clear Yellowish liquid	ASTM-E2680
Specific gravity	-	1.180 – 1.280	ASTM-D1298
Free Chlorine (Cl <sub>2</sub> )	%	11.0 - 13.0	ASTM-D2022

All technical data stated in this TDS are based on our actual laboratory analysis.

## APPLICATIONS

Sodium Hypochlorite is a versatile compound used across various industries. In the textile industry, it is primarily employed as a bleaching agent, while in the paper industry, it is used to bleach wood pulp. It also plays a vital role in the petroleum industry assisting in refining processes. Beyond these applications, sodium hypochlorite is a powerful disinfectant, effectively neutralizing bacteria and viruses. It is commonly used in wastewater treatment to purify water and is essential in maintaining clean, safe water in swimming pools.

## ECOLOGY, HEALTH & SAFETY

For more information on the safe handling, storage and disposal of chemical products, please refer to the most recent Safety Data Sheet (SDS)

## AVAILABLE PACKAGING

- Bulk Road Tanker (25 MT)

## DISCLAIMER

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BASIC CHEMICAL INDUSTRIES

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