



## Technical Datasheet

# SODIUM HYPOCHLORITE

### Description

Sodium Hypochlorite (commonly known as bleach) with chemical formula of NaOCl is an inorganic chemical compound. It is a solution produced by reaction of chlorine and sodium hydroxide solution. Sodium Hypochlorite is available in 16% (m/v) purity in aqueous solution. It has a variety of applications as disinfectant and antimicrobial processes.

### Application

Sodium Hypochlorite is widely used in liquid bleaching, cleaning processes, disinfection systems, water and waste water refining, water chlorination, oxidizing in chemical industry, and textile & paper production.

### Typical Properties

Appearance	Pale yellow liquid
Odor	Characteristic faint chlorine odor
Concentration (MSZ 9793:1968)	16% m/v. (160 g/L)
Specific Gravity (H <sub>2</sub> O=1)	>1.204
Available Chlorine	Min. 156 g/L
Melting/Freezing Point	~ -27°C
NaOH content (MFF-419)	Max. 1% (m/v)
Na <sub>2</sub> CO <sub>3</sub> content (MFF-419)	Max. 1% (m/v)
Iron (Fe) content (MSZ 9793:1968)	Max. 0,2 ppm

### Packaging

Sodium Hypochlorite is available in bulk, IBC 1000 liters and 55 Gal PE drums.