

Bleach 10%

INCI Name: Sodium Hypochlorite

CAS Numbers: 7681-52-9

Description:

Sodium hypochlorite is an inexpensive, strong oxidizing agent, that is widely used as disinfectant and bleaching agent. Sodium hypochlorite (NaOCl) is a compound that can be effectively used for water purification. It is used on a large scale for surface purification, bleaching, odor removal and water disinfection.



Technical Data:

<u>PROPERTIES</u>	<u>TYPICAL</u>
Sodium Hypochlorite %	10 to 15%
Excess Caustic	Less than 15%
Color	Light green to light yellow
PH	> or = to 12.0

Applications:

Used in agriculture, chemical industries, paint and lime industries, food industries, glass industries, paper industries, pharmaceutical industries, synthetics industries and waste disposal industries. In the textile industry sodium hypochlorite is used to bleach textile. It is sometimes added to industrial waste water. This is done to reduce odors. Hypochlorite neutralizes sulphur hydrogen gas (SH) and ammonia (NH₃). It is also used to detoxify cyanide baths in metal industries. Hypochlorite can be used to prevent algae and shellfish growth in cooling towers. In water treatment, hypochlorite is used to disinfect water. In households, hypochlorite is used frequently for the purification and disinfection of the house.



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