

**PRODUCT SPECIFICATION**  
**Potable Grade Sodium hypochlorite**  
909001



Description: Sodium Hypochlorite solution  
Synonyms: Bleach, Soda bleach  
Use: Disinfectant for drinking water and recreational water  
CAS No: 7681-52-9  
Formula: NaOCl  
Quality: When used in drinking water, one of the following standards must be met:

- IS EN 901:2007 “Chemicals used for treatment of water intended for human consumption: Sodium hypochlorite”
- USA EPA references to IS EN 901:2007.
- UK DWI British standards list of chemicals used for treatment of drinking water. BS EN 901:2013 refers to Sodium Hypochlorite
- NSF/ANSI Standard 60: Drinking Water Treatment Chemicals. The product should be on the NSF listing.
- or meet with local guidance for chemicals used in drinking water

**Note:** It is strongly advised that supporting documentation in support of the above specifications is received from the supplier before progressing supply.

General Properties:

Property	Unit	Specification
Odor		Chlorine
Appearance		Greenish-yellow liquid
Concentration (available chlorine)	%	10 to 15
Iron	as ppm Fe	Max. 1.0
Freezing point	deg. C	-15 to -18
Specific gravity at 25 deg. C		1.16 to 1.17

The chemical must be properly labeled in compliance with the present national and international laws and regulations concerning transport, health, safety and environment. An updated (produced within the last 3 years) Health, Safety & Environment Data Sheet must be provided by the manufacturer.

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