

Last updated: 30/08/2023 01:00:30

SODIUM HYPOCHLORITE POTABLE GRADE

Product group: **648** Product number: **909001**

This is the specification for Potable Water Grade Sodium Hypochlorite that can be used to chlorinate and control bacterial growth in potable water, swimming pools and spas, for grey and black water sterilisation.

Product information

This product supersedes product no: **L99011**

Any product supplied under this specification must meet the properties described and meet with local drinking water approvals, such as NSF, UK DWI, US EPA.

The chemical must be properly labeled in compliance with the present national and international laws and regulations concerning transport, health, safety and environment. A Safety Data Sheet must be provided by the manufacturer.

Features

- Liquid formulation
- Easy test method (free chlorine)
- Controls bacteria growth in drinking water, grey water, black water and pools and spas.

Benefits

- Reduces risk of illness and infections

Specification

General

CAS No.	7681-52-9
Invent Hazard Material (IMO/EU) classification	C-50

Physical properties

Appearance	Green/yellow liquid
Available Chlorine	10 to 15%
Density [g/ml]	1.16 to 1.17
Freezing Point [°C]	-15 to -18 C
Odour	Chlorine

Documents

[SDoC and MD for IHM](#)

[Sodium-Hypochlorite-Product-Spec--Potable-Grade-909001-22nd-Jan-2016](#)

Directions for use

Sodium Hypochlorite solution typically contains 10 - 15% available chlorine.

Sodium Hypochlorite may be applied directly to the water system at any point where there is sufficient time and turbulence to facilitate dissolution. The product should be applied and controlled to achieve the target free chlorine residual which is system dependent. Each system has a chlorine demand which has to be satisfied before free chlorine residual is obtained. The chlorine demand is dependent upon system design and water cleanliness.

Dosage of Sodium Hypochlorite :

Potable water typically requires 15mls per m³

Pools and Spas typically require 30 to 50mls/m³

Grey water typically requires 40 to 100mls/m³

These are nominal dose rates and should be adjusted depending on measured free chlorine results. Test kits can be selected from the Potable Water Test Kit range.

Related products

Accessories

778419
POTABLE WATER TEST KIT

Is frequently bought together with

765018
ENVIROCLEAN 25 LTR

607826
AQUATUFF 25 LTR

589945
GAMAZYME BTC 12 X 1 LTR

571356
ROCOR NB LIQUID 25 LTR

698720
AUTOTREAT - 25 LTR

This page is printed from:

<https://www.wilhelmsen.com/product-catalogue/products/marine-chemicals/water-treatment-chemicals/water-production-treatment/sodium-hypochlorite-potable-grade>