

# Product Specification

## Product Name: SODIUM HYPOCHLORITE Solution

Alternate Name(s) Approx. 8-12.5% available chlorine at time of supply

### Description

Clear colourless to pale yellow/green liquid with distinctive odour.

### Properties

Chemical Formula: NaOCl

Molecular Weight: 74.44

Product Code: ST044

CAS No.: 7681-52-9 (NaClO)  
7732-18-5 (water)

### General Information:

This product is not stable and will deteriorate over time. Contamination of product and exposure to light and heat will accelerate decomposition. Solutions should be tested immediately prior to use in critical applications.

### Quality Specification

Assay: 10.0-15.0% w/v chlorine at time of manufacture

### Specific Properties and Impurities [Typical levels]:

Specific gravity at @ 20°C	1.15-1.23
Appearance	Yellow green liquid with strong chlorine odour

### Hazard and Safety Data

UN Group:	III
Class:	8
UN Number:	1791
Hazchem code:	2X
CS MSDS Code:	VNCQS11M
Poison schedule:	S5
Emergency Procedure Guide No.:	37

---

Chem-Supply Pty Ltd - An ISO 9001 Accredited Company

38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia  
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

Chem-Supply does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product for any intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product for any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement or supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.