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Sodium Hypochlorite 14-15% - 20L

Variant code: 05-310

Sodium Hypochlorite 14–15% Liquid Chlorine - 20L is a **concentrated chlorine-based bleaching and disinfecting solution** designed for professional swimming pool water treatment and other approved disinfection applications. Containing **14–15% sodium hypochlorite**, this powerful liquid chemical provides an effective source of available chlorine for maintaining hygienic swimming pool water. Its **liquid formulation** makes it particularly suitable for controlled chemical dosing in swimming pool water treatment systems.

Sodium hypochlorite is a chemical compound with the formula **NaOCl**, widely recognised as the active ingredient used in many household bleach products at lower concentrations. When introduced into water, sodium hypochlorite produces **hypochlorous acid**, an active chlorine species responsible for much of its disinfecting action. This helps control bacteria, algae and other microorganisms in swimming pool water when the correct chlorine concentration and water balance are maintained. Unlike stabilised chlorine products, sodium hypochlorite provides **unstabilised chlorine**, allowing pool operators to manage chlorine treatment without adding cyanuric acid.

Supplied in a **20-litre container**, this concentrated liquid chlorine is suitable for **professional swimming pool maintenance, chlorine dosing and pool water disinfection**. It can be used in compatible chemical dosing systems or for other applications specifically authorised by the product label. The concentrated formulation requires careful handling, accurate dosing and regular monitoring of pool water chemistry. As a **strong alkaline oxidising solution**, it must be stored and handled according to the current safety data sheet and should never be mixed with acids, ammonia or other cleaning chemicals.

Product Features

- **14–15% sodium hypochlorite solution** for professional chlorine treatment
- **Concentrated liquid chlorine** suitable for approved water disinfection

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applications

- **Chlorine-based disinfecting action** helps control microorganisms in treated water
- **Oxidising properties** support swimming pool water treatment
- **Unstabilised chlorine formulation** does not introduce cyanuric acid
- **Suitable for swimming pool chlorination** when used according to approved instructions
- **Compatible with suitable automatic dosing systems**
- **Liquid formulation** allows controlled chemical dosing
- **Provides available chlorine** for maintaining pool water hygiene
- **Helps control bacteria** when correct treatment conditions are maintained
- **Helps control algae** as part of an effective pool treatment programme
- **Suitable for routine chlorine maintenance** in swimming pools
- **Suitable for corrective chlorine treatment** where authorised by the label
- **Bleaching properties** associated with sodium hypochlorite chemistry
- **High-strength chemical formulation** intended for trained operators
- **20L bulk container** for professional treatment requirements
- **Suitable for commercial pool maintenance** with appropriate equipment
- **Suitable for domestic swimming pools** when handled and dosed correctly

Product Benefits

- **Effective chlorine treatment** supports hygienic swimming pool water
- **Concentrated 14–15% formulation** provides a high-strength source of chlorine
- **Helps control bacteria and algae** under appropriate treatment conditions
- **Unstabilised chlorine** allows separate management of cyanuric acid levels
- **Liquid format** supports accurate dosing through compatible equipment
- **Suitable for automatic chlorination systems** reduces the need for manual chemical addition
- **Supports routine pool maintenance** through controlled chlorine replenishment

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- **Useful for corrective water treatment** when chlorine levels require adjustment
- **Versatile chlorine chemistry** supports approved disinfection applications
- **20L container** provides a practical bulk supply
- **Suitable for professional pool operators** managing regular treatment schedules
- **Helps maintain water quality** when used alongside filtration and water balance control
- **Suitable for integrated water treatment programmes** using appropriate monitoring equipment
- **Liquid chemical dosing** supports consistent chlorine management

Technical Characteristics

- **Product Name:** Sodium Hypochlorite 14–15% Liquid Chlorine
- **Chemical Name:** Sodium Hypochlorite
- **Chemical Formula:** NaOCl
- **Product Type:** Concentrated Liquid Chlorine
- **Stated Concentration:** 14–15%
- **Physical Form:** Liquid Solution
- **Chemical Classification:** Inorganic Hypochlorite
- **Primary Function:** Swimming Pool Water Disinfection
- **Secondary Function:** Chlorine-Based Oxidising Treatment
- **Additional Chemical Property:** Bleaching Action
- **Chlorine Type:** Unstabilised
- **Cyanuric Acid Contribution:** None from Sodium Hypochlorite
- **Disinfecting Chemistry:** Produces Hypochlorous Acid in Water
- **Target Treatment:** Swimming Pool Chlorination
- **Microorganism Control:** Bacteria and Algae Under Suitable Treatment Conditions
- **Formulation Character:** Strongly Alkaline
- **Oxidising Properties:** Yes
- **Application Method:** Approved Chemical Dosing Procedures
- **Dosing Equipment:** Compatible Liquid Chlorine Dosing Systems
- **Dilution and Dosing:** Follow Current Product Label and Pool Treatment Requirements
- **Water Monitoring:** Regular Free Chlorine and pH Testing Required

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- **Water Balance:** Maintain Appropriate Pool Water Chemistry
- **Suitable Environment:** Domestic Swimming Pools
- **Suitable Environment:** Commercial Swimming Pools
- **Operator Requirements:** Appropriate Chemical Handling Training
- **Container Capacity:** 20L
- **Packaging Format:** Single 20L Chemical Container
- **Storage:** Keep in Original Container in a Cool, Ventilated Area Away from Sunlight
- **Chemical Stability:** Available Chlorine Content May Reduce During Storage
- **Incompatible Materials:** Acids, Ammonia and Other Incompatible Chemicals
- **Surface Compatibility:** Not Intended for Uncontrolled Direct Application to Surfaces
- **Disinfection Contact Time:** Dependent on the Authorised Application
- **Safety Requirements:** Follow Current Product Label and Safety Data Sheet
- **Intended Use:** Professional Chlorine Treatment and Approved Disinfection Applications

Applications

Ideal for **swimming pool chlorination, pool water disinfection, chlorine replenishment and approved corrective water treatment** in domestic swimming pools, commercial swimming pools, leisure centres, hotels, sports facilities and other professionally managed aquatic environments. The **14–15% sodium hypochlorite solution** provides a concentrated source of unstabilised chlorine suitable for compatible automatic dosing equipment and authorised treatment procedures. It helps maintain effective chlorine levels and control microbial contamination when used alongside **regular water testing, correct pH management, filtration and appropriate pool maintenance**. Other bleaching or disinfecting applications should only be undertaken where specifically permitted by the product label and relevant regulations.

Property	Value
Fragrance	Chlorine
pH	12-13

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Property	Value
Area of Use	Suitable for swimming pool water treatment to control bacteria, algae and maintain chlorine levels.
CLP	corrosive, environmental
How to Use	Add the required dose directly into the swimming pool over the return inlets with the filtration system running. Monitor chlorine and pH levels using a pool testing kit and follow the manufacturer's dosing instructions.
Chemical Colour	Yellow/green