



CHESSER CHEMICALS

PRODUCT INFORMATION SHEET

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Product: **SODIUM HYPOCHLORITE**

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Note:

CHESSER CHEMICALS Pty., Ltd., provides the information submitted in this Product Information Sheet based on our current knowledge and experience. In view of the many factors that may affect processing and application, these data do not relieve users from the responsibility of carrying out their own tests and experiments; neither do they imply any legally binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and legislation are observed.

Product: **SODIUM HYPOCHLORITE**

PURPOSE & USE

SODIUM HYPOCHLORITE is supplied as a sanitising solution containing 10 to 15% available chlorine. It is used as a final sanitising rinse for food production plants, brewery, beverage and dairy plants and sanitising cutting boards and other implements in the kitchen.

SODIUM HYPOCHLORITE has a finite shelf life of approximately 6 months if stored in ideal conditions of temperature and humidity.

FEATURES & BENEFITS

Broad Spectrum: **SODIUM HYPOCHLORITE** is a powerful biocide and it is effective against all known yeasts, moulds, fungi, bacteria and their spores. It is also effective against viruses, when used at correct concentrations and stored correctly.

Non Foaming: **SODIUM HYPOCHLORITE** produces no foam so is ideal for CIP situations.

Rinse: When using **SODIUM HYPOCHLORITE** as a final sanitising rinse, it is advisable to rinse all surfaces thoroughly with potable water, before they come in contact with prescribed goods.

DISCUSSION

SODIUM HYPOCHLORITE can be used as a sanitiser for brewery, beverage and dairy applications. It is designed for single use applications on clean pre washed surfaces at temperatures ranging from ambient to no more than 40°C, with stability and activity decreasing as temperature increases.

HOW TO USE

SODIUM HYPOCHLORITE should be used at concentrations OF AT LEAST 200ppm (Parts Per Million) that is at a dilution of between 1:100 to 1:500.

SODIUM HYPOCHLORITE should be used at ambient temperature, but is stable to 40°C.

DESCRIPTION

A clear yellow liquid with a chlorine odour.

TYPICAL ANALYSIS

Active chlorine content 10 to 15% at time of packing.

TYPICAL PROPERTIES

Density at 20°C	1.2g/cm ³
Ph (1% Solution)	12.5
Miscible in all proportions with water	

**MATERIAL COMPATIBILITY**

Safe to use on stainless steel, Ceramic and glass. It is not recommended for use on mild steel, copper, copper alloys or zinc galvanising. Contamination or mixture with acids will liberate Toxic Chlorine Gas.

SAFETY

HAZARDOUS according to Safe Work Australia

DANGEROUS GOODS according to the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail

SIGNAL WORD: DANGER



Emergency Response No: 1800 951 288

RECOMMENDED PPE**Hazard Statements****Physical hazards**

H290

May be corrosive to metals

Health hazards

H314

Causes severe skin burns and eye damage.

AUH031

Contact with acids liberates toxic gas.

H400

Very Toxic to Aquatic Life.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; **DANGEROUS GOODS**.

UN No: 1791

Transport Hazard Class: 8 Corrosive

Subsidiary risk:

EPG 37 TOXIC and/or CORROSIVE SUBSTANCES

Packing Group: III

Proper Shipping Name: HYPOCHLORITE SOLUTION

Hazchem or Emergency Action Code: 2P



Poison Schedule: S5

Refer to SDS before using

PACKAGING

5 Litre Black vented plastic Jerry Cans

15 Litre Blue vented plastic drums

20 Litre Blue vented plastic drums

200 Litre Blue vented plastic drums

1000 Litre IBC

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