



MATERIAL SAFETY DATA SHEET

Wesfarmers CSBP Limited
ACN: 008 668 371
Kwinana Beach Road
Kwinana 6167

Product: Sodium Hypochlorite (12.5% Solution)

Statement of Hazardous Nature:
CLASSIFIED AS HAZARDOUS According to Worksafe Australia Criteria

EMERGENCY INFORMATION PHONE NUMBER 1 800 09 3333

IDENTIFICATION

Product Name	Sodium Hypochlorite (12.5% Solution)
Other Names	<ul style="list-style-type: none">• Hypochlorite Solution• Labarraque's Solution• Bleach Solution• Hypo
Manufacturers Product Code	None Allocated
UN Number	1791
Dangerous Goods Class	8
HAZCHEM Code	2 X
Poisons Schedule Number	None Allocated
Use	<ul style="list-style-type: none">• Bleaching agent.• Disinfectant.

PHYSICAL DESCRIPTION / PROPERTIES

Appearance	Clear, green-yellow liquid having a chlorine odour. Strong corrosive and moderate oxidising agent.
Boiling Point or Melting Point	110°C (15% available Chlorine)
Vapour Pressure	Not Available
Specific Gravity	1.2
Flash Point	Not Available
Flammability Limits	Not Available
Solubility in Water	Aqueous Solution

OTHER PROPERTIES

pH	12 (approximately)
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The latest issue can be obtained from Industrial Hygienist - Wesfarmers CSBP Limited Kwinana.

Last amended: 3rd February 1999

IF0873-0299

Current as of: 19/01/00. After this date, please check with CSBP that this revision is still current.



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INGREDIENTS

Chemical Name:	CAS Number:	Proportion:
Sodium hypochlorite [NaOCl]	7681-52-9	12 to 15% n weight/volume
Sodium hydroxide [NaOH]	1310-73-2	1.0%
Water	—	Remainder

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute	Corrosive and irritating if swallowed or ingested. Dangerous in contact with the eyes.
Swallowed	Severe internal irritation due to corrosive effect.
Eye	Severe irritation and burns.
Skin	Irritation and burns.
Inhaled	Irritation of respiratory tract, resulting in coughing and breathing difficulty caused by chlorine fumes.
Chronic	If condition persists, seek further attention.

FIRST AID

Swallowed	Wash out mouth with water and give water to drink. Do not induce vomiting.
Eye	Irrigate immediately with water for 15 min and seek medical attention
Skin	Wash with large amounts of water. Remove affected clothing and wash underlying skin.
Inhaled	Remove from exposure. Keep warm and at rest.
First Aid Facilities	
Advice to Doctor	Treat symptomatically.

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PRECAUTIONS FOR USE

Exposure Standard:	There are no exposure limits available.
Engineering Controls:	Use in open or well ventilated areas.
Personal Protection:	When there is a risk of spill or splash, wear chemical goggles, safety helmet and face shield, PVC gloves, rubber boots, and PVC jacket and trousers. If risk of inhaling vapour exists, wear cartridge respirator as the minimum protection.
Flammability:	Non-flammable.

SAFE HANDLING INFORMATION

Storage and Transport	<p>Store in high-density polyethylene or glass-fibre-reinforced plastic tanks that conform to AS 2634-1983 or other approved standards. Ensure that:</p> <ul style="list-style-type: none"> storage area is away from ammonium salts and other class 8 corrosive substances, storage and tanker receipt installation meets the CSBP "Tanker Delivery Requirements" particular to this product, there are safety showers and eyewash facilities available in the storage areas. <p>If storage near ammonium salts or other class 8 corrosive substances is unavoidable, use a non-permeable wall with a 4-hour fire rating for separation.</p> <p>Transport as for class 8 (corrosive) substances. For detailed storage and transport information contact Department of Minerals and Energy, Explosives and Dangerous Goods Division, or CSBP Industrial Chemicals Department.</p>
Spills and Disposal	<p>Minimise leak and/or contain spills. Collect as much of the spillage as possible. Keep pH of the remaining spilled solution above 7.0 and dilute it with large amounts of water. Avoid contact with acids. To minimise chlorine gas release during cleanup use sodium hydroxide or soda ash.</p>
Fire/Explosion Hazard	<p>Wear self-contained breathing apparatus. Keep storage tanks cool with water spray to prevent chlorine evolution. The anhydrous salt of sodium hypochlorite is highly explosive. Decomposition on heating may cause containers to rupture or explode.</p>

OTHER INFORMATION

	<p>Sodium hypochlorite solution is chemically sensitive to:</p> <ul style="list-style-type: none"> acids temperature metals, and aging.
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IMPORTANT NOTES

- This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products.
- If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Please ensure you have a current MSDS by calling Wesfarmers Customer Service as shown below.
- Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.
- Wesfarmers CSBP reserves the right to make changes to MSDSs without notice.

CONTACT POINT

Fertiliser Customer Service	-	(08) 9377 9177
Emergency Advice	-	1800 093333
Chemical Customer Service	-	(08) 9411 8666
Wesfarmers CSBP Limited	-	(08) 9411 8777

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