



Date of Issue: 11 November 2016

Sodium Hypochlorite

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Sodium Hypochlorite
Code	C13992, C17046
Product Use	Chlorine bleach and sanitiser
Company Name	Dominant (Australia) Pty Ltd (ABN 77007 583 315)
Address	12 Coglin Street, Brompton SA 5007, Australia
Telephone	1300 789 852 or +61 (8) 8245 6900
Facsimile	+ 61 (8) 8340 1626
Emergency Phone	13 11 26

2. HAZARDS IDENTIFICATION

GHS Classification	Eye Damage 1 Skin Corrosion 1 Metal Corrosion 1
Signal Word	DANGER
Hazard Statements	Causes severe skin burns and eye damage May cause corrosion to metals. Contact with acids liberates toxic gas
Precautionary Statements	Keep out of reach of children. Read label before use. Wear protective gloves/ protective clothing/ eye protection/face protection. Do not breathe mists / spray. Wash hands thoroughly after handling. Keep only in original container Absorb spillage to prevent material damage. Store locked up IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.

Pictograms



Date of Issue: 11 November 2016

Product name: Sodium Hypochlorite**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Name	CAS	Proportion
	Sodium Hypochlorite	7681-52-9	10 - 30%
	Sodium hydroxide	1310-73-2	<1%
	Ingredients determined not to be hazardous	Not Required	Balance

4. FIRST AID MEASURES

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical urgent attention.
Eye	If in eyes, hold eye lids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek urgent medical attention.
Skin	If skin contact occurs, remove contaminated clothing and flush skin and hair with running water. Do not re-use contaminated clothing until washed. Seek medical attention.
Inhaled	Move to fresh air. Ensure airway is clear. If chlorine gas has been evolved by mixing with an acid seek urgent medical attention.
First Aid Facilities	An eye wash and general washing facility should be available adjacent to the work area.
Advice to Doctor	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 13 11 26; New Zealand 0800 764 766)

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use appropriate extinguishing media to suit surrounding area
Hazards from Combustion	Material does not burn. Heating can cause expansion and rupture of containers. Will evolve irritation or toxic fumes.
Precautions for Fire Fighters	Wear chemical splash suit and SCBA
Hazchem	2X

Date of Issue: 11 November 2016

Product name: Sodium Hypochlorite**6. ACCIDENTAL RELEASE MEASURES**

Emergency Procedures	Keep unauthorised people away. Increase ventilation. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Clean Up	For minor spills mop up and rinse with water. For larger spills absorb material on mineral absorbent material or absorbent pads. Collect and put into plastic bags or containers and dispose of through waste disposal contractor. Rinse area with water.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Keep containers closed when not in use. Maintain a high standard of personal hygiene. Wash hands immediately after using product.
Storage	Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as acids, aluminium or zinc. Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	The following exposure standards apply for ingredients Chlorine TWA 1ppm 3mg/ m ³ Peak limitation
Engineering Controls	Ensure ventilation is adequate to maintain air concentrations below exposure standards.
Personal Protective Equipment	Wear overalls, chemical goggles, safety shoes or boots and impervious gloves. If ventilation is inadequate wear an approved respirator complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear pale yellow liquid with chlorine odour
Solubility in Water	Soluble in all proportions
pH	13.6
Flash Point	Not flammable
Melting Point	Not available
Boiling Point	Not available
Specific Gravity	1.21

Date of Issue: 11 November 2016

Product name: Sodium Hypochlorite**10. STABILITY AND REACTIVITY**

Stability	Product loses strength with time, especially in hot conditions.
Hazardous Polymerisation	Will not occur
Conditions to Avoid	Do not store in hot areas.
Incompatible Materials	Liberates toxic chlorine gas if mixed with acids. Attacks aluminium, tin and zinc.

11. TOXICOLOGICAL INFORMATION

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea and abdominal pain. Can cause irritation to the mouth, oesophagus and gastrointestinal tract.
Eye	Corrosive to eyes. Will cause severe irritation and chemical burns if not treated promptly. Contamination of eyes can result in permanent injury or blindness.
Skin	Corrosive to skin – may cause skin burns. Contact with skin will result in severe irritation.
Inhalation	Vapours generated may cause severe irritation to the mucous membranes and upper respiratory tract.
Chronic Effects	Prolonged or repeated exposure to this product may result in skin irritation and possibly result in dermatitis.
Toxicological Data	For Sodium Hypochlorite Eye 10mg: moderate (rabbit) (Reference: Dangerous Properties of Industrial Materials 7 th Edition)

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available. Avoid contaminating waterways.
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13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority. Dispose of material through licensed waste contractor. Assure conformity with all applicable regulations.

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14. TRANSPORT INFORMATION

UN No.	1791
Proper Shipping Name	HYPOCHLORITE SOLUTION
Hazchem Code	2X
Class	8
Packing Group	III

15. REGULATORY INFORMATION

Classification Poisons Schedule: S5 according to the Poisons Standard March 2016

Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Classified as a Dangerous Good

16. OTHER INFORMATION

Contact Point Dominant Australia. Phone 08 8245 6900
24 hour medical emergency 13 11 26

Date of preparation 21st September 2016