



Date of Issue: 18 November 2016

# Hyfoam

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Product Name</b>	Hyfoam
<b>Code</b>	50370
<b>Product Use</b>	Foaming sanitiser cleaner
<b>Company Name</b>	Dominant (Australia) Pty Ltd
<b>Address</b>	12 Coglin Street, Brompton SA 5007, Australia
<b>Telephone</b>	1300 789 852 or +61 (8) 8245 6900
<b>Facsimile</b>	+ 61 (8) 8340 1626
<b>Emergency Phone</b>	13 11 26

## 2. HAZARDS IDENTIFICATION

<b>GHS Classification</b>	<b>Skin Corrosion 1</b> <b>Eye Damage 1</b> <b>Metal Corrosion 1</b>
<b>Signal Word</b>	<b>DANGER</b>
<b>Hazard Statements</b>	<b>Causes severe skin burns and eye damage</b> <b>May be corrosive to metals</b> <b>Contact with acids liberates toxic gas</b>
<b>Precautionary Statements</b>	Avoid breathing mists. Ensure adequate ventilation when using. Keep out of reach of children. Store locked up. Wash skin thoroughly after handling. Wear protective gloves, protective clothing and eye /face protection. Do not store or mix with acids.  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 CENTRE or doctor.  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 CENTRE or doctor.  Dispose of contents/container in accordance with state regulations
<b>Pictograms</b>	



Date of Issue: 18 November 2016

**Product Name: Hyfoam****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Name	CAS	Proportion
	Sodium hypochlorite	7681-52-9	<10%
	Potassium hydroxide	1310-58-3	<10%
	Cocoalkyl dimethylamine oxide	61788-90-7	<10%
	Other ingredients	non hazardous	balance

**4. FIRST AID MEASURES**

<b>Ingestion</b>	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention.
<b>Eye</b>	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 CENTRE or doctor.
<b>Skin</b>	If skin contact occurs, Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
<b>Inhaled</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. . Immediately call a POISON CENTRE or doctor.
<b>First Aid Facilities</b>	An eye wash and general washing facility should be available adjacent to the work area.
<b>Advice to Doctor</b>	Treat symptomatically. For advice contact a Poisons Information Centre. (Phone Australia 13 11 26; New Zealand 0800 764 766)

**5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use appropriate extinguishing media to suit surrounding area
<b>Hazards from Combustion</b>	Material does not burn. Heating can cause expansion and rupture of containers. Will evolve irritating or toxic fumes.
<b>Precautions for Fire Fighters</b>	Corrosive liquid. Contact with metals may evolve flammable hydrogen gas. Wear chemical splash suit and SCBA. Stay up wind
<b>Hazchem</b>	2R

**6. ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures</b>	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.
<b>Clean Up</b>	Spills will be slippery so treat promptly. 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.

Date of Issue: 18 November 2016

**Product Name: Hyfoam****7. HANDLING AND STORAGE**

<b>Handling</b>	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.
<b>Storage</b>	Corrosive product. Store in a cool, dry, well ventilated place out of direct sunlight. Keep only in original containers. Store in closed containers. Store away from incompatible materials such as acids. Store locked up.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Standards</b>	None listed for product. However exposure standards for potassium hydroxide and sodium hypochlorite are:  Potassium hydroxide TWA 2mg/m <sup>3</sup> Peak limitation. Sodium hypochlorite TWA 1ppm, 3mg/m <sup>3</sup> peak limitation
<b>Engineering Controls</b>	Hyfoam can be used manually or through a foamer. Use in a well ventilated area to maintain levels below exposure standards.
<b>Personal Protective Equipment</b>	Wear chemical goggles or safety glasses and impervious gloves when using product. If sprayed through a high pressure sprayer wear full chemical suit and approved respirator or air supply.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear pale yellow viscous liquid with chlorine odour
<b>Solubility in Water</b>	Soluble
<b>pH</b>	14
<b>Flash Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	100°C approx
<b>Specific Gravity</b>	1.150

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Product loses strength (available chlorine) with time, especially in hot conditions
<b>Hazardous Polymerisation Conditions to Avoid</b>	Will not occur  Avoid hot store areas. Store below 30°C
<b>Incompatible Materials</b>	Reacts violently and liberates chlorine gas if mixed with acids. Attacks aluminium, tin and zinc.

Date of Issue: 18 November 2016

**Product Name: Hyfoam****11. TOXICOLOGICAL INFORMATION**

<b>Ingestion</b>	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract.
<b>Eye</b>	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness.
<b>Skin</b>	Contact with skin will result in severe irritation. Corrosive to skin – may cause skin burns.
<b>Inhalation</b>	Mist & vapours generated may cause severe irritation to the mucous membranes and upper respiratory tract.
<b>Chronic Effects</b>	Prolonged or repeated exposure to this product will result in skin irritation and possibly result in dermatitis.
<b>Toxicological Data</b>	None available for Hyfoam. However for ingredients... Potassium hydroxide... Oral LD 50: 365 mg/kg (rat) Skin 50mg/24H: Severe (human) Sodium hypochlorite... Eye 10mg: moderate (rabbit) (Reference: Dangerous Properties of Industrial Materials 7th Edition)

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Fish Toxicity LC50/48hr : < 1mg/L chlorine  Do not allow product to come in contact with storm / surface waters.
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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.

Date of Issue: 18 November 2016

**Product Name: Hyfoam**

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**14. TRANSPORT INFORMATION**

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<b>UN No.</b>	1719
<b>Proper Shipping Name</b>	CAUSTIC ALKALI LIQUID N.O.S. (Contains Potassium Hydroxide)
<b>Hazchem Code</b>	2R
<b>Class</b>	8 Corrosive
<b>Packing Group</b>	II

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**15. REGULATORY INFORMATION**

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<b>Classification</b>	Poisons Schedule: S6 according to the Poisons Standard March 2016  Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)  Approved by AQIS as Detergent Sanitiser
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**16. OTHER INFORMATION**

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<b>Contact Point</b>	Dominant Australia. Phone 08 8245 6900 or 1300 789 852 24 hour medical emergency 13 11 26
<b>Date of preparation</b>	16 <sup>th</sup> September 2016