



Date of Issue: 18 November 2016

# Blizzard

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Product Name</b>	Blizzard
<b>Code</b>	50296
<b>Product Use</b>	Machine dishwashing liquid
<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>Corrosive to metals 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>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.  IF SWALLOWED: Rinse mouth, do NOT induce vomiting.  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.  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.

### Pictograms



Dispose of contents/container in accordance with state regulations

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

Ingredients	Name	CAS	Proportion
	Sodium hydroxide	1310-73-2	<10%
	Disodium metasilicate	10213-79-3	<10%
	Tetrasodium EDTA	64-02-8	<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 urgent 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.
<b>Precautions for Fire Fighters</b>	Corrosive liquid. Wear chemical splash suit and SCBA. Contact with metals may evolve flammable hydrogen gas.
<b>Hazchem</b>	2R

**6. ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures</b>	Keep unauthorised people away. 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.

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**Product Name: Blizzard****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, aluminium or zinc. Store locked up.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Standards</b>	None listed for product. However exposure standards for sodium hydroxide are: Sodium hydroxide TWA 2mg/m <sup>3</sup> Peak limitation.
<b>Engineering Controls</b>	Blizzard is dispensed using an electronic feeder to prevent contact with product. Do not add manually. Use in a well ventilated area to maintain levels below exposure standards.
<b>Personal Protective Equipment</b>	Wear chemical goggles or faceshield and impervious gloves & apron when changing drums. PVC gloves are suitable.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear colourless liquid with mild 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>	1.170

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal storage conditions
<b>Hazardous Polymerisation</b>	Will not occur
<b>Conditions to Avoid</b>	No special conditions
<b>Incompatible Materials</b>	Reacts violently with acids. Attacks aluminium, tin and zinc.

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**Product Name: Blizzard****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 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 Blizzard. However for sodium hydroxide... Oral LD Lo : 500mg/kg (rabbit) Skin 500mg/24H: Severe (rabbit)  (Reference: Dangerous Properties of Industrial Materials 7th Edition)

**12. ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	No information available.  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.

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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.
<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)

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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