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# Bright Wash

## 1. IDENTIFICATION OF MATERIAL AND SUPPLIER

<b>Product Name</b>	Bright Wash
<b>Code</b>	50412
<b>Product Use</b>	Concentrated non caustic machine dishwasher detergent
<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>Eye Damage 1</b> <b>Skin Corrosion 1B</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>	Keep out of reach of children. Avoid breathing mists. Ensure adequate ventilation when using. Wash skin thoroughly after handling. Wear protective gloves, protective clothing and eye /face protection. Store locked up. Keep only in original container. Absorb spillage to prevent material damage.  IF SWALLOWED: Rinse mouth, do NOT induce vomiting. Seek urgent medical attention.  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. If problem persists, seek urgent medical attention. 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.  Dispose of contents/container in accordance with state regulations
<b>Pictograms</b>	

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**Product Name: Bright Wash****3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Name	CAS	Proportion
	Tetrapotassium 1,1-diphosphonatoethanol	67953-76-8	10 - 30%
	Potassium carbonate	584-08-7	10 - 30%
	Potassium silicate	1312-76-1	1 – 5%
	Potassium hydroxide	1310-58-3	<1%
	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. Seek medical attention if irritation persists.
<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>	Wear chemical splash suit and SCBA. Contact with metals may evolve flammable hydrogen gas.
<b>Hazchem</b>	None assigned

**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: Bright Wash****7. HANDLING AND STORAGE**

<b>Handling</b>	Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Maintain a high standard of personal hygiene.
<b>Storage</b>	Store in a cool, dry, well ventilated place out of direct sunlight. Store in closed containers. Store away from incompatible materials such as acids. Store locked up. Keep only in original container.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>Exposure Standards</b>	None listed for Bright Wash. However exposure standards for... Potassium hydroxide TWA 2mg/m <sup>3</sup> Peak limitation.
<b>Engineering Controls</b>	Ensure ventilation is adequate to maintain air concentrations below exposure standards. Bright Wash is dispensed using an electronic feeder to prevent contact with product. Do not add manually. Never use for manual dishwashing applications
<b>Personal Protective Equipment</b>	Wear gloves and goggles when using, decanting or cleaning spillage.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	Clear red non foaming liquid
<b>Solubility in Water</b>	Soluble
<b>pH</b>	13.3
<b>Flash Point</b>	Not available
<b>Melting Point</b>	Not available
<b>Boiling Point</b>	Not available
<b>Specific Gravity</b>	1.365

**10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions
<b>Hazardous Polymerisation</b>	Will not occur
<b>Conditions to Avoid</b>	No special conditions
<b>Incompatible Materials</b>	Do not mix with strong acids

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**Product Name: Bright Wash****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>	Corrosive to skin – may cause skin burns. Contact with skin will result in severe irritation.
<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 Bright Wash. However for ingredients... Potassium hydroxide: Oral LD 50 : 365 mg/kg (rat) Skin 50mg/24H: Severe (human) Potassium carbonate: Oral LD 50 : 1870 mg/kg (rat) (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>	Not applicable
<b>Proper Shipping Name</b>	Not applicable
<b>Hazchem Code</b>	Not applicable
<b>Class</b>	Not applicable
<b>Packing Group</b>	Not applicable

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**15. REGULATORY INFORMATION**

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<b>Classification</b>	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)

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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>	10 <sup>th</sup> January 2017
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