



Date of Issue: 5 December 2016

Surge

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Surge
Code	50309
Product Use	Machine dishwasher powder dispensed by electronic feeder from plastic canister
Company Name	Dominant (Australia) Pty Ltd
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
Signal Word	DANGER
Hazard Statements	Causes severe skin burns and eye damage Contact with acids liberates toxic gas
Precautionary Statements	Do not breathe dusts. Ensure adequate ventilation when using. Keep out of reach of children. Wash hands thoroughly after handling. Wear protective gloves, protective clothing and eye /face protection. Do not store or mix with acids. Store locked up. 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: Surge**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredients	Name	CAS	Proportion
	Sodium carbonate	497-19-8	30 - 60%
	Disodium metasilicate	6834-92-0	10 – 30%
	Sodium dichloroisocyanurate	2893-78-9	1 – 10%
	Other ingredients	non hazardous	balance

4. FIRST AID MEASURES

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical 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 immediate 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	Not normally a problem due to method of use. However if breathing is affected, remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTRE or doctor.
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. However the product contains chlorine which may liberate toxic gas if in a fire.
Precautions for Fire Fighters	Wear chemical splash suit and SCBA. Stay up wind
Hazchem	None assigned

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	Recover non contaminated material and place in containers for use. Recover waste material into separate containers and dispose of through licensed waste material operator. Use water to wash off remaining small amounts of residue from surface.

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

Handling	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. Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards	None listed for product. However exposure standards for chlorine is: Chlorine TWA 1 ppm, 3mg/m ³ Peak limitation.
Engineering Controls	Product is dispensed using electronic feeder to prevent contact with Surge. Remove paper seal from canister – do not remove end cap.
Personal Protective Equipment	Not required when changing canisters. Wear gloves and goggles if cleaning up spillage.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Powder with faint chlorine odour.
Solubility in Water	Soluble
pH	11.9 (1% solution)
Flash Point	Not available
Melting Point	Not available
Boiling Point	Not applicable
Specific Gravity	0.9

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Hazardous Polymerisation	Will not occur
Conditions to Avoid	Avoid hot store areas. Store below 30°C. Avoid moisture.
Incompatible Materials	Liberates toxic chlorine gas if mixed with acids.

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

Ingestion	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause chemical burns to the mouth, oesophagus and gastrointestinal tract.
Eye	Corrosive to eyes. Will cause severe irritation and chemical burns. Contamination of eyes can result in permanent injury or blindness if not treated promptly and thoroughly.
Skin	Contact with skin will result in severe irritation, redness and itching. Corrosive to skin – may cause skin burns.
Inhalation	Dust generated may cause irritation to the mucous membranes and upper respiratory tract.
Chronic Effects	Prolonged or repeated exposure to this product will result in skin irritation and possibly result in dermatitis.
Toxicological Data	None available for Surge. However for... Sodium carbonate: Oral LD 50: 4090 mg/kg (rat) Skin 500mg/24H: Mild (rabbit) Eye 100mg/24H: Moderate (rabbit) Sodium Dichloroisocyanurate: Oral LD50: 406 mg/kg (rat) Skin 500mg/34H: Mild (rabbit) Eye 10mg/34H: Severe (rabbit) (Reference: Dangerous Properties of Industrial Materials 7th Edition)

12. ECOLOGICAL INFORMATION

Ecotoxicity	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.

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14. TRANSPORT INFORMATION

UN No.	Not applicable
Proper Shipping Name	Not applicable
Hazchem Code Class	Not applicable
Packing Group	Not applicable

15. REGULATORY INFORMATION

Classification	Poisons Schedule: Schedule 5 according to the Poisons Standard March 2016
	Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

16. OTHER INFORMATION

Contact Point	Dominant Australia. Phone 08 8245 6900 or 1300 789 852 24 hour medical emergency 13 11 26
Date of preparation	5 th December 2016