



Date of Issue: 18 November 2016

Micro Break

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name	Micro Break
Code	50412
Product Use	Alkali builder for laundry feeder system
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 1B Corrosive to metals 1
Signal Word	DANGER
Hazard Statements	Causes severe skin burns and eye damage May be corrosive to metals
Precautionary Statements	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
Pictograms	



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Product Name: Micro Break**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

Ingestion	If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek urgent medical attention
Eye	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.
Skin	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.
Inhaled	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.
Precautions for Fire Fighters	Wear chemical splash suit and SCBA. Contact with metals may evolve flammable hydrogen gas.
Hazchem	None assigned

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	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.
Clean Up	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: Micro Break**7. HANDLING AND STORAGE**

Handling	Wear appropriate protective clothing to prevent skin and eye contact. Use in well ventilated area. Maintain a high standard of personal hygiene.
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. Keep only in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear red non foaming liquid
Solubility in Water	Soluble
pH	13.3
Flash Point	Not available
Melting Point	Not available
Boiling Point	Not available
Specific Gravity	1.429

10. STABILITY AND REACTIVITY

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

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Product Name: Micro Break**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.
Skin	Corrosive to skin – may cause skin burns. Contact with skin will result in severe irritation.
Inhalation	Mist generated may cause severe 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 MICRO BREAK. However for... 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

Ecotoxicity	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

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

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)
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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	3 rd August 2016