



Date of Issue: 17 November 2016

Germ O Chlor

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

| | |
|------------------------|--|
| Product Name | Germ O Chlor |
| Code | 50098 |
| Product Use | Machine dishwashing powder for commercial use. |
| 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

| | |
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| GHS Classification | Eye Irritation 2 |
| Signal Word | WARNING |
| Hazard Statements | Causes serious eye irritation Contact with acids liberates toxic gas |
| Precautionary Statements | Avoid breathing dusts. Ensure adequate ventilation when using. Keep out of reach of children. Wash hands thoroughly after handling. Wear eye protection / 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. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if you feel unwell. Dispose of contents/container in accordance with state regulations |

Pictograms



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Product Name: Germ O Chlor**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredients | Name | CAS | Proportion |
|-------------|-----------------------------|---------------|------------|
| | Sodium carbonate | 497-19-8 | 30 - 60% |
| | Sodium dichloroisocyanurate | 2893-78-9 | <10% |
| | Non-ionic surfactant | 68439-46-3 | <10% |
| | Other ingredients | non hazardous | balance |

4. FIRST AID MEASURES

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| Ingestion | If swallowed do NOT induce vomiting. Immediately wash out mouth with water. Seek medical attention. |
| Eye | If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if irritation persists. |
| Skin | If skin contact occurs, remove contaminated clothing and wash skin with plenty of soap and water. Do not re-use contaminated clothing until washed. Seek medical attention if irritation persists. |
| 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. |
| 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

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|--------------------------------------|---|
| Extinguishing Media | Use appropriate extinguishing media to suit surrounding area |
| Hazards from Combustion | Material does not burn. Heating can cause expansion and rupture of containers. Will evolve irritating or toxic fumes. |
| Precautions for Fire Fighters | Wear chemical splash suit and SCBA. Stay up wind |
| Hazchem | None assigned |

6. ACCIDENTAL RELEASE MEASURES

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| 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: Germ O Chlor**7. HANDLING AND STORAGE**

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| 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. Keep only in original containers. Store in closed containers. Store away from incompatible materials such as acids. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Exposure Standards | None listed for product. However exposure standards for chlorine is: Chlorine TWA 1 ppm, 3mg/m ³ Peak limitation. |
| Engineering Controls | Ensure ventilation is adequate to maintain air concentrations below exposure standards. Handle with care to avoid generating dusts. |
| Personal Protective Equipment | Wear gloves and goggles. If dust exists wear dust mask / respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716 |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|----------------------------|-----------------------------------|
| Appearance | Powder with faint chlorine odour. |
| Solubility in Water | Soluble |
| pH | 10.0 (1% solution) |
| Flash Point | Not available |
| Melting Point | Not available |
| Boiling Point | Not applicable |
| Specific Gravity | 0.9 |

10. STABILITY AND REACTIVITY

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|---------------------------------|--|
| 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 chlorine gas if mixed with acids. |

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Product Name: Germ O Chlor**11. TOXICOLOGICAL INFORMATION**

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|---------------------------|---|
| Ingestion | Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and bleeding. Can cause irritation to the mouth, oesophagus and gastrointestinal tract. |
| Eye | Irritating to eyes. Will cause severe irritation and possible burns if not treated promptly. |
| Skin | Contact with skin will result in irritation, redness and itching. |
| 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 | <p>None available for Germ O Chlor. However for...</p> <p>Sodium carbonate: Oral LD 50: 4090 mg/kg (rat) Skin 500mg/24H: Mild (rabbit) Eye 100mg/24H: Moderate (rabbit)</p> <p>Sodium Dichloroisocyanurate: Oral LD50: 406 mg/kg (rat) Skin 500mg/34H: Mild (rabbit) Eye 10mg/34H: Severe (rabbit)</p> <p>(Reference: Dangerous Properties of Industrial Materials 7th Edition)</p> |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity | <p>Fish Toxicity LC50/48hr : < 1mg/L chlorine</p> <p>Do not allow product to come in contact with storm / surface waters.</p> <p>All surfactants are readily biodegradable.</p> |
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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

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|-----------------------|---|
| 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

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| Contact Point | Dominant Australia. Phone 08 8245 6900 or 1300 789 852 24 hour medical emergency 13 11 26 |
| Date of preparation | 7 th July 2016 |