



Date of Issue: 17 November 2016

BWP

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

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| Product Name | BWP |
| Code | 50019 |
| Product Use | Heavy duty caustic CIP powder for tanks and vats |
| 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 1A Corrosive to metals 1 |
| Signal Word | DANGER |
| Hazard Statements | Causes severe skin burns and eye damage May be corrosive to metals |
| Precautionary Statements | Avoid breathing dusts. Ensure adequate ventilation when using. Keep out of reach of children. Wash skin thoroughly after handling. Wear protective gloves, protective clothing and eye /face protection. 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. If problem persists, seek urgent medical attention. 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: BWP**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Ingredients | Name | CAS | Proportion |
|-------------|-------------------|---------------|------------|
| | Sodium hydroxide | 1310-73-2 | > 60% |
| | 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 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 urgent medical attention. |
| Inhaled | Remove victim to fresh air and keep at rest in a position comfortable for breathing. If problem persists, seek urgent medical attention. |
| 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. |
| Precautions for Fire Fighters | Corrosive solid. Wear chemical splash suit and SCBA. Spraying water over product generates heat and produces highly corrosive liquid. Contact with metals may evolve flammable hydrogen |
| Hazchem | 2W |

6. ACCIDENTAL RELEASE MEASURES

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| 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 | 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: BWP**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 | 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

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| Exposure Standards | None listed for product. However exposure standards for sodium hydroxide are: Sodium hydroxide TWA 2mg/m ³ Peak limitation. |
| Engineering Controls | Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating and breathing in dusts. Use product in tanks or CIP systems. Do not use through high pressure spray units. |
| Personal Protective Equipment | Wear overalls, chemical goggles or face mask, safety shoes or boots and impervious gloves. 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 | White hygroscopic mini pearl |
| Solubility in Water | Soluble |
| pH | 13.2 (1% solution) |
| Flash Point | Not available |
| Melting Point | ~318°C |
| Boiling Point | ~1390°C |
| Specific Gravity | 2.13 |

10. STABILITY AND REACTIVITY

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| Stability | Will absorb moisture and carbon dioxide from atmosphere. Keep drums sealed. |
| Hazardous Polymerisation Conditions to Avoid | Will not occur Generates heat when added to water. Add slowly to cold water. Do not add to hot water as violent boiling and spitting may occur. |
| Incompatible Materials | Reacts violently with acids. Attacks aluminium, tin and zinc. |

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

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|---------------------------|---|
| 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 BWP. 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

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| 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

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|-----------------------------|-------------------------|
| UN No. | 1823 |
| Proper Shipping Name | SODIUM HYDROXIDE, SOLID |
| Hazchem Code | 2W |
| Class | 8 Corrosive |
| Packing Group | II |

15. REGULATORY INFORMATION

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|-----------------------|--|
| Classification | 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) |
| | AQIS approved as General Cleaner Type B |

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 | 5 th July 2016 |