

Safety Data Sheet

Cropmaster DAP Boron Plus

Revised: 06/06/2018

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

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| Product Name: | Cropmaster DAP Boron Plus |
| Other Names: | |
| Chemical Formula: | Not known |
| Product Code: | 3045017 |
| Recommended Use: | Fertiliser |
| Company Identification: | Ravensdown Limited |
| Address: | 292 Main South Road, Hornby, Christchurch 8042 PO Box 1049, Christchurch 8011 |
| Customer Centre: | 0800 100 123 |
| National Poisons Information Centre: | 0800 POISON (0800 764 766) |
| Emergency Phone Number: | 0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only) |
| Transport Emergency Phone Number: | 111 - tell operator what service is needed: Fire, Ambulance or Police |

Section 2: HAZARD IDENTIFICATION

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| Hazard Classifications: | 6.1E, 6.3A, 6.4A, 9.1D |
| Priority Identifiers: | WARNING KEEP OUT OF REACH OF CHILDREN |
| Secondary Identifiers: | 6.1E = May be harmful if swallowed, inhaled or absorbed through the skin. |
| | 6.3A = Causes skin irritation. |
| | 6.4A = Eye irritant. |
| | 9.1D = Slightly harmful to aquatic life |



WARNING

Section 3: COMPOSITION INFORMATION

| INGREDIENT | CAS No. | CONTENT |
|-------------------------------|------------|---------|
| Diammonium hydrogen phosphate | 7783-28-0 | 93% |
| Calcined ulexite (borate 46) | 92908-33-3 | 5% |
| Magnesium oxide | 1309-48-4 | 1% |
| SSMR15 Polymer | | 1% |

Section 4: FIRST AID MEASURES

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| First Aid Measures: | Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning or if patient feels unwell. |
| Inhalation: | Remove patient to fresh air and keep at rest in a position comfortable for breathing. |
| Ingestion: | Never give anything by mouth to an unconscious person. If swallowed rinse mouth DO NOT induce vomiting. Seek medical advice. |
| Skin: | Remove contaminated clothing then wash affected area thoroughly with plenty of soap and water. |
| Eye: | Flush with plenty of water for several minutes, holding eyelids open if necessary. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical advice. |
| Advice to Doctor: | Treat symptomatically. |

Section 5: FIRE FIGHTING MEASURES

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| Flash Point: | N/A (Non-flammable) |
| Combustion Products: | May evolve ammonia, phosphorous and nitrogen oxides when heated to decomposition. |
| Extinguishing Media: | Based on surrounding materials. |
| Protective Equipment: | Breathing apparatus, goggles and protective gloves. |
| HAZCHEM Code: | None allocated. |

Section 6: ACCIDENTAL RELEASE MEASURES

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| Spills and Disposal: | Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and sweep up. Collect and place in sealable containers. Avoid generating dust. Reuse or recycle where possible. |
| Protective Clothing: | For appropriate personal protective equipment see section 8. |
| Environmental | Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority. |

Section 7: HANDLING AND STORAGE

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| Handling: | Keep out of reach of children. Avoid contact with skin, eyes and inhalation. Use personal protective equipment noted in Section 8. |
| Storage: | Store in a secure area. Keep away from water and substances listed in Section 10 "materials to avoid". |
| Other Information: | Wash hands thoroughly after use. Do not eat, drink or smoke whilst using this product. |

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

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| Exposure Limits: | Workplace Exposure Standards (WES): Particulates not otherwise classified: <div style="text-align: right; margin-right: 20px;"> Inspirable dust 10mg.m⁻³ Respirable dust 3mg.m⁻³ </div> |
| Protective Equipment: | Wear close fitting safety glasses or goggles to prevent dust getting in eyes. Ensure eye wash facilities are readily available. Wear protective clothing and gloves. Wear particulate respirator where there is a risk of breathing in moderate to high levels of airborne dust. |
| Engineering Controls: | Handle in well ventilated area. Minimise generation of airborne dust |
| Hygiene Precautions: | Do not eat, drink or smoke when handling this product. Remove contaminated protective clothing and wash hands and face before meals and after work. Wash contaminated clothing before reuse. |

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Grey |
| Format: | Nodules |
| Odour: | Odourless |
| Odour Threshold: | Not known |
| Specific Gravity: | 1.62 |
| Bulk Density | 950-1100 kg/m ³ |
| pH: | 8.0 (1% solution @ 20°C) |
| Solubility in Water: | Soluble. 575 g/l @ 10°C |
| Flash Point: | N/A |
| Melting Point: | Decomposes before melting |
| Boiling Point: | N/A decomposes before boiling |
| Vapour Pressure: | N/A |
| Flammability: | N/A |
| Upper/Lower Flammability or Explosive Limits: | N/A |
| Vapour Density: | N/A |
| Relative Density: | N/A |
| Partition Coefficient: | N/A |
| Auto-ignition Temperature: | N/A |
| Decomposition Temperature: | N/A |
| Kinematic Viscosity: | N/A |

Section 10: STABILITY AND REACTIVITY

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| Stability: | Stable under recommended storage conditions. |
| Hazardous Polymerisation: | Will not occur. |
| Hazardous Decomposition Products: | May evolve ammonia, nitrogen & phosphorous oxides when heated to decomposition. |
| Conditions to Avoid: | Moisture. |
| Materials to Avoid: | Strong acids and bases. |

Section 11: TOXICOLOGICAL INFORMATION

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| Hazard Classifications: | 6.1E, 6.3A, 6.4A |
| Health Hazard Summary: | Low toxicity. Under normal conditions of use adverse health effects are not anticipated. This product is generally considered to be of low toxicity. |
| Ingestion: | Ingestion of large quantities. May lead to nausea, vomiting and gastrointestinal irritation |
| Inhalation: | Irritant. Over exposure may result in irritation. |
| Skin: | Irritant. Prolonged and repeated skin exposure may result in irritation, skin rash and dermatitis. |
| Eye: | Irritant. Contact may result in irritation, lachrymation, pain and redness. |
| Toxicity Data: | LD50 (Oral): 3000 mg/kg (rat) |

Section 12: ECOLOGICAL INFORMATION

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| Hazard Classifications: | 9.1D |
| Ecotoxicity: | Avoid unintended release into streams and waterways. |

Section 13: DISPOSAL INFORMATION

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| Product Disposal: | Reuse or recycle where possible. If practicable apply excess fertiliser at recommended rates to appropriate land. Observe any local authority restrictions that may apply. |
| Container Disposal: | Rinse containers thoroughly prior to reuse. Otherwise render unusable and dispose of as waste. |

Section 14: TRANSPORT INFORMATION

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| UN Number: | None Allocated. |
| Proper Shipping Name: | None Allocated |
| DG Class: | None Allocated |
| Other Information: | Not regulated for transport purposes. |

Section 15: REGULATORY INFORMATION

EPA: Compliant to the HSNO Act 1996
See www.epa.govt.nz for approval controls.

Section 16: OTHER INFORMATION

This Safety Data Sheet was updated on the date shown and supersedes all previous versions.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.

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| Hazard Classification | EPA CCID (Environmental Protection Agency Chemical Classification and Information Database) | HMM |
| Identifiers | EPA CCID, Labelling of Hazardous Substances | HMM |
| Pictogram | EPA CCID, Labelling of Hazardous Substances | HMM |