



# SAFETY DATA SHEET

## Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

**Product Name:** DAPR - Direct Application Phosphate Rock

**Other names:**

**Chemical Formula:** Not Applicable

**Product Code:**

**Recommended Use:** Fertiliser

**Company Identification:** Ravensdown Fertiliser Co-operative Limited  
**Address:** 312 Main South Rd  
PO Box 1049  
Christchurch

**Customer Centre:** 0800 100 123

**National Poisons Information Centre:** 0800 POISON (0800 764 766)

**Emergency Telephone Number:** 0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)

**Transport Emergency Phone:** 111 - tell operator what service is needed: Fire, Ambulance, Police

## Section 2: HAZARD IDENTIFICATION

**Hazard Classifications:** Not Hazardous

**Priority Identifiers:** n.a.

**Secondary Identifiers:** n.a.

## Section 3: COMPOSITION INFORMATION

| INGREDIENT     | CAS No. | CONTENT |
|----------------|---------|---------|
| Phosphate Rock | n.a.    | 100%    |

## Section 4: FIRST AID MEASURES

**First Aid Measures:** Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.

**Inhalation:** Remove patient to fresh air. Seek medical assistance if effects persist

**Ingestion:** Never give anything by mouth to an unconscious person. If swallowed rinse mouth. Seek medical advice

**Skin:** Wash affected area thoroughly with 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. Seek medical advice.

**Advice to Doctor:** Treat symptomatically.

**Section 5: FIRE FIGHTING MEASURES**

|                              |   |
|------------------------------|---|
| <b>Flash Point:</b>          | N/A (Non-flammable)   |
| <b>Combustion Products:</b>  | Non-combustible. Decomposes on heating to form metal oxides and phosphorus oxides |
| <b>Extinguishing Media:</b>  | Based on surrounding materials  |
| <b>Protective Equipment:</b> | Breathing apparatus goggles and protective gloves                                 |
| <b>HAZCHEM Code:</b>         | None allocated.   |

**Section 6: ACCIDENTAL RELEASE MEASURES**

|                             |  |
|-----------------------------|--|
| <b>Spills and Disposal:</b> | Wear appropriate protective clothing.. Contain spill and sweep up. Collect and place in sealable containers. Avoid generating dust. Reuse or recycle where possible. |
| <b>Protective Clothing:</b> | For appropriate personal protective equipment see section 8.   |
| <b>Environmental</b>        | Avoid unintended release of excessive amounts into waterways or sewers.  |

**Section 7: HANDLING AND STORAGE**

|                           |  |
|---------------------------|--|
| <b>Handling:</b>          | Avoid generating dusts, do not breathe dusts.<br><b>Approved Handler:</b> Not required<br><b>Tracking:</b> Not required<br><b>Record Keeping:</b> Not required |
| <b>Storage:</b>           | Store in a cool, dry area  |
| <b>Other Information:</b> | Avoid unintended release into the environment.   |

**Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

|                              |   |
|------------------------------|---|
| <b>Exposure Limits:</b>      | <b>Workplace Exposure Standards (WES):</b> Particulates not otherwise classified<br>Inspirable dust 10mg.m <sup>-3</sup><br>Respirable dust 3mg.m <sup>-3</sup> |
| <b>Protective Equipment:</b> | Overalls, safety glasses and gloves. If dust is present wear dust mask and goggles. Eye wash facilities should be available.                                    |
| <b>Engineering Controls:</b> | Handle in well ventilated area. If dust generated use local extraction to control. Avoid inhalation of dust.  |
| <b>Hygiene Precautions:</b>  | Remove protective clothing and wash hands and face before meals and after work.   |

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                             |                                |
|-----------------------------|--------------------------------|
| <b>Appearance:</b>          | Loose, sandy brown/grey solid. |
| <b>Odour:</b>               | Odourless                      |
| <b>Specific Gravity:</b>    | 1.4 – 1.6                      |
| <b>pH:</b>                  | Not Available                  |
| <b>Solubility in Water:</b> | insoluble                      |
| <b>Flash Point:</b>         | N/A                            |
| <b>Melting Point</b>        | N/A                            |
| <b>Other Information:</b>   | None                           |

**Section 10: STABILITY AND REACTIVITY**

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable under normal conditions.  |
| <b>Hazardous Polymerisation:</b>         | Will not occur.  |
| <b>Hazardous Decomposition Products:</b> | Non-combustible. Decomposes on heating to form metal oxides and phosphorus oxides. |
| <b>Conditions to Avoid:</b>              | No specific conditions.  |
| <b>Materials to Avoid:</b>               | No specific materials  |

**Section 11: TOXICOLOGICAL INFORMATION**

|                              |  |
|------------------------------|--|
| <b>ERMA Classifications:</b> | Not hazardous  |
| <b>Ingestion:</b>            | Ingestion of large quantities may lead to nausea, vomiting, thirst.                                |
| <b>Inhalation:</b>           | Irritant. Over exposure may cause mucous membrane irritation and coughing.                         |
| <b>Skin:</b>                 | Irritant. Prolonged and repeated skin exposure may result in irritation, skin rash and dermatitis. |
| <b>Eye:</b>                  | Irritant. Direct contact may result in lachrymation (tears), pain, redness and conjunctivitis.     |
| <b>Chronic Effects:</b>      | Not anticipated.   |
| <b>Other Information:</b>    | Low toxicity, no adverse health affects expected under normal conditions.                          |

**Section 12: ECOLOGICAL INFORMATION**

|                              |  |
|------------------------------|--|
| <b>ERMA Classifications:</b> | n.a.   |
| <b>Ecotoxicity:</b>          | Avoid unintended release into streams and waterways. |

**Section 13: DISPOSAL INFORMATION**

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

**Section 14: TRANSPORT INFORMATION**

|                              |                                       |
|------------------------------|---------------------------------------|
| <b>UN Number:</b>            | None Allocated.                       |
| <b>Proper Shipping Name:</b> | None Allocated.                       |
| <b>DG Class:</b>             | None Allocated.                       |
| <b>UN Packing Group:</b>     | None Allocated.                       |
| <b>Other Information:</b>    | Not regulated for transport purposes. |

**Section 15: REGULATORY INFORMATION**

**ERMA:** Not hazardous. HSNO Act 1996,  
See [www.erna.govt.nz](http://www.erna.govt.nz).

**Section 16: OTHER INFORMATION**

This SDS supersedes all previous versions and was reviewed to include HSNO requirements.

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.