

DAP

UPDATED: 9 September 2014

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name:	DAP
Other Names:	Diammonium phosphate, Diammonium hydrogen phosphate
Chemical Formula:	$(\text{NH}_4)_2\text{HPO}_4$
Product Code:	3000000
Recommended Use:	Fertiliser
Company Identification:	Ravensdown Fertiliser Co-operative Limited
Address:	312 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

Hazard Classifications:	6.1E, 6.3A, 6.4A, 9.1D
Priority Identifiers:	DANGER 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



DANGER

Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Diammonium hydrogen phosphate	7783-28-0	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 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 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

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:	N/A
HAZCHEM Code:	None allocated.

Section 6: ACCIDENTAL RELEASE MEASURES

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

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

Exposure Limits:	No exposure limits allocated.
Protective Equipment:	Overalls, safety glasses, gloves and dust mask.
Engineering Controls:	Handle in well ventilated area. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits. Avoid inhalation of dust.
Hygiene Precautions:	Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Grey, brown, black
Format:	Nodules
Odour:	Odourless
Specific Gravity:	1.62
Bulk Density	950-1100 kg/m ³
pH:	8.0 (1% solution @ 20 ⁰ C)
Solubility in Water:	Soluble. 575 g/l @ 10 ⁰ C
Flash Point:	N/A
Melting Point:	Decomposes before melting
Boiling Point:	N/A decomposes before boiling

Section 10: STABILITY AND REACTIVITY

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

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

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

Section 13: DISPOSAL INFORMATION

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

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:	Approved pursuant to the HSNO Act 1996, Approval number HSR002769.
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.

Checked

Hazard Classification	EPA CCID	MXM
Identifiers	EPA CCID, Labelling of Hazardous Substances	MXM
Pictogram	EPA CCID, Labelling of Hazardous Substances	MXM