

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name:	Cropmaster 15
Product Code:	3400000
Recommended Use:	Fertiliser
Company Identification:	Ravensdown Fertiliser Co-operative 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

Hazard Classifications:	6.1D, 6.3B, 6.4A, 9.1D, 9.3C
Priority Identifiers:	DANGER KEEP OUT OF REACH OF CHILDREN
Secondary Identifiers:	6.1D = May be harmful if swallowed, inhaled or absorbed through the skin
	6.3B = Mildly irritating to the skin
	6.4A = Eye irritant
	9.1D = Slightly harmful to aquatic life
	9.3C = Harmful to terrestrial vertebrates



DANGER

Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
DAP	7783-26-0	50%
Ammonium Sulphate	7783-20-2	30%
Potassium Chloride	7447-40-7	20%

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. Lie down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
Ingestion:	Never give anything by mouth to an unconscious person. If swallowed rinse mouth but DO NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766). Seek medical assistance immediately.
Skin:	Remove contaminated clothing then wash affected area thoroughly with soap and water. If a large area is affected seek medical assistance. Wash contaminated clothing before reuse.
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. If eye irritation persists seek medical assistance.
Advice to Doctor:	No specific antidote. Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Flash Point:	N/A (Non-flammable)
Combustion Products:	Sulphur oxides, metal oxides, nitrogen oxides and ammonia.
Extinguishing Media:	Based on surrounding materials
Protective Equipment:	Breathing apparatus goggles and protective gloves
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	Avoid unintended release of excessive amounts into waterways or sewers. If spill does enter waterways contact local authority.

Section 7: HANDLING AND STORAGE

Handling:	Keep out of reach of children. Avoid generating dust. Use only outdoors or in well-ventilated areas. Do not breathe dust. Approved Handler: Not required Tracking: Not required Record Keeping: Not required
Storage:	Store in a cool, dry area away from oxidising agents and foodstuffs
Other Information:	Do not eat, drink or smoke while using this product. Wash hands thoroughly after handling. Avoid unintended release into the environment.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	Workplace Exposure Standards (WES): <i>Particulates not otherwise classified:</i> Inspirable dust: 10mg.m ⁻³ Respirable dust: 3mg.m ⁻³
Protective Equipment:	Overalls, safety glasses and gloves. If dust is present wear dust mask and goggles. Eye wash facilities should be available.
Engineering Controls:	Handle in well ventilated area. If dust generated use local extraction to control. 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:	The colour components can vary, depending on their source. DAP varies from light brown to black. Potassium chloride varies from red-pink or white to grey. Ammonium Sulphate will typically be white.
Format:	Granular
Odour:	Odourless
Specific Gravity:	Not available
pH:	Not available
Solubility in Water:	Soluble
Flash Point:	N/A
Melting Point:	N/A
Other Information:	None

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Hazardous Polymerisation:	Will not occur.
Hazardous Decomposition Products:	Sulphur oxides, nitrogen oxides and ammonia.
Conditions to Avoid:	No specific conditions.
Materials to Avoid:	Oxidising agents.

Section 11: TOXICOLOGICAL INFORMATION

Hazard Classifications:	6.1D, 6.3B, 6.4A
Ingestion:	Ingestion of large quantities. May lead to nausea, vomiting, thirst and headache
Inhalation:	Irritant. Over exposure may cause mucous membrane irritation and coughing.
Skin:	Irritant. Prolonged and repeated skin exposure may result in irritation, skin rash and dermatitis.
Eye:	Irritant. Direct contact may result in lachrymation (tears), pain, redness and conjunctivitis.
Chronic Effects:	Not anticipated
Other Information:	Low Toxicity, no adverse health effects expected under normal conditions.
Toxicity data	DAP: LD50 (oral) 3,000 mg/kg (rat) Ammonium Sulphate: LD50 (oral) 2,840 mg/kg (rat) Potassium Chloride LD50 (oral) 2,600 mg/kg (rat)

Section 12: ECOLOGICAL INFORMATION

Hazard Classifications:	9.1D, 9.3C
Ecotoxicity:	Avoid unintended release into streams and waterways.

Section 13: DISPOSAL INFORMATION

Product Disposal:	Collection into sealable containers and dispose of in an approved land fill. 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 HSR002571.
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.