

Safety Data Sheet

MCPA TC

Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

Product Name:	MCPA TC
Chemical Formula:	C9H9ClO3
Product Code:	7969001 ()
Recommended Use:	Agrochemical
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:	6.1D, 6.3B, 6.9A, 8.3A, 9.1A, 9.2A, 9.3B
Priority Identifiers:	DANGER - KEEP OUT OF REACH OF CHILDREN CORROSIVE / ECOTOXIC
	!! DANGER !!
Secondary Identifiers:	6.1D = may be harmful if swallowed, inhaled or absorbed through the skin 6.3B = Causes mild skin irritation 6.9A = Causes damage to human target organs or systems 8.3A = Causes serious eye damage 9.1A = Very toxic to aquatic organisms 9.2A = Very toxic to soil environment 9.3B = Toxic to terrestrial vertebrates



Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS NUMBER	CONTENT
MCPA TC	94-74-6	95 %

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 from area of exposure to an area with fresh air. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and/or develops a bluish discolouration of the skin ('cyanosis' which suggests a lack of oxygen in the blood), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek medical assistance immediately.
Ingestion:	Never give anything by mouth to an unconscious person. If swallowed, and the patient is conscious, 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 and wash affected area thoroughly with soap and water, rinsing for several minutes. If a large area is affected seek medical assistance immediately.
Eye:	Flush with plenty of water for 15 minutes holding eyelids open if necessary. Remove contact lenses if present and easy to do. Continue rinsing for at least 15 minutes or until advised to stop by Poisons Information Centre or Doctor. Call a doctor immediately.
Advice to Doctor:	No specific antidote so treat symptomatically. If vomiting is induced, suggest endotracheal and/or oesophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach.

Section 5: FIRE FIGHTING MEASURES

Flash Point:	
Hazardous Combustion Products:	Not applicable
Extinguishing Media:	Based on surrounding materials
Protective Equipment:	Breathing apparatus plus protective gloves
HAZCHEM Code:	2Z

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal:	Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and absorb with inert material such as soil, sand, vermiculite or absorbent granules and place in a sealable waste container. Avoid generating dust. Dispose of waste safely in an approved landfill.
Protective Clothing:	For appropriate personal protective equipment see section 8.

Environmental Precaution:	Prevent from entering drains, waterways or sewers. If spill does enter waterways contact the local authority.
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Section 7: HANDLING AND STORAGE

Handling:	Keep out of reach of children. Avoid contact with skin, eyes and inhalation of vapours, mists, aerosols or dust. Do not eat, drink or smoke while using this product. Wash hands and face thoroughly after handling and before smoking, eating, drinking or using the toilet. Remove protective clothing and wash hands and face before meals and after work. Use personal protective equipment as required.
Approved Handler:	Not required
Tracking:	Tracking not required
Record Keeping:	Not required
Storage:	Store in accordance with NZS 8409; Management of Agrichemicals. Store in original container tightly closed and in a locked, cool dry, well-ventilated area away from foodstuffs, fertiliser and seed.
Secondary Containment:	Secondary containment not required
Signage:	This product is subject to signage when stored in quantities of 100 kg or more, either alone or in aggregate with substances of the same hazard classification.
Emergency Response Plan:	Storage of more than 100 kg of this product requires a emergency response plan.
Location Certificate:	Location certificate required when quantities in excess of 500 litres are stored in one zone as closed containers of 5 litres or more; and/or 1,500 litres when stored in closed containers less than 5 litres; and/or 250 litres are stored in one zone as open containers.
Other Information:	Always read the label before use and see label for further information on handling and storage. For full details refer to NZS 8409; Management of Agrichemicals and HSNO Regulations (Emergency Management and Identification Regulations).

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Limits:	No exposure limits have been assigned for this product.
Protective Equipment:	Wear overalls, safety goggles, full face mask/shield, elbow-length impervious gloves, chemically resistant gloves, impermeable/splash apron and rubber boots and chemical resistant suit worn over cotton overalls. Cotton overalls should be buttoned to the neck and wrist. Eye wash facilities and safety shower should be available. If inhaled risk exists, wear air-supplied mask meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Wash contaminated clothing and other protective equipment before storage or re-use.

Engineering Controls:	Ensure ventilation is adequate and that airborne levels below exposure limits. If inhalation risk exists (dusts, mists, sprays) use process enclosures, local exhaust ventilation or other engineering controls while wearing suitable mist respirator. Keep containers closed when not in use.
Hygiene Precautions:	Do not eat, drink or smoke while using this product. Wash hands and face thoroughly after handling and before smoking, eating, drinking or using the toilet. 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 and Format:	White/Brown solid
Odour:	Mild phenolic
Specific Gravity/Bulk Density:	1.41
Solubility in Water:	293mg/L (pH 7)
Flash Point:	Not applicable
pH:	Not applicable
Melting Point:	119 °C
Boiling Point:	Not applicable

Section 10: STABILITY AND REACTIVITY

Stability:	When stored appropriately this product should show no significant degradation for at least from the date of manufacture.
Hazardous Polymerisation:	Hazardous polymerisation is not likely to occur
Hazardous Decomposition Products:	Not applicable
Conditions to Avoid:	Not applicable
Materials to Avoid:	Not applicable

Section 11: TOXICOLOGICAL INFORMATION

Hazard Classifications:	6.1D, 6.3B, 6.9A, 8.3A
Ingestion:	Acute Oral LD50 (Rats) 962-1470mg/Kg
Inhalation:	LC50 (Rats) >6.36mg/L
Skin:	Acute percutaneous LD50 (Rats) >4000mg/Kg. Non irritating to skin. Not a skin sensitiser.
Eye:	Severe eye irritant.
Chronic Effects:	No information available
Reproductive Toxicity:	No reproductive effects
Mutagenicity:	Non mutagenic
Carcinogenicity:	Not considered to be carcinogenic

Section 12: ECOLOGICAL INFORMATION

Hazard Classifications:	9.1A, 9.2A, 9.3B
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Ecotoxicity:	No information available
Environmental Exposure Limit (EEL):	Not assigned
Bioaccumulation:	Bioaccumulation unlikely to occur
Other Information:	Avoid release into the environment, soil, streams and waterways.

Section 13: DISPOSAL INFORMATION

Product Disposal:	Dispose of product only by using according to label or at an approved landfill. Otherwise treat to render non-hazardous. Do not burn. Recycle where possible. Do not contaminate bodies of water with product or empty container/packaging. Observe any local authority restrictions that may apply. Extreme caution is required.
Container/Packaging Disposal:	Treat container/packaging to render non-hazardous or dispose of as hazardous waste in an approved landfill or facility. Alternatively burn in an appropriate incinerator if circumstances, such as wind direction, and local authority regulations permit. Do not use container/packaging for any other purpose. If it is to be re-used, rinse/clean out thoroughly first.

Section 14: TRANSPORT INFORMATION

Transport Information:	It is good practice to separate this product from food, food related materials, animal feedstuffs, seed and fertilisers during transport.
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RAIL/ROAD; SEA (IMDG Code); AIR (ICAO/IATA)	
UN Number:	3077
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (CONTAINS MCPA TC)
DG Class:	CLASS 9
Subsidiary Class:	Not applicable
 <p>MISCELLANEOUS DANGEROUS GOODS 9</p>	
Packing Group:	III
Marine Pollutant:	YES
MTQ (non-commercial):	1,000 kg
HAZCHEM Code:	2Z
IERG Number:	47
Other information:	Check the latest versions of the Land Transport Dangerous Goods Rule 45001 and associated Transport of Dangerous Goods on Land (NZS 5433) for additional information on maximum allowable transport quantities (MTQ's), placarding and segregation. Sea transport may require further segregation.

Section 15: REGULATORY INFORMATION

ACVM:	Exempt from registration under the ACVM Act 1997.
EPA:	Approved pursuant to the HSNO Act 1996, Approval number: HSR 003327. 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.