

## Section 1: Identification

Product name:	Masterpiece 750
Other names:	750 g/litter MCPA as the dimethylamine salt as a soluble concentrate.
Recommended use:	A selective herbicide for the control of broadleaf weeds in established Pasture, Cereals, Seed Crops, and Amenity Turf
Manufacturer/Importer details:	AgStar New Zealand Pty Ltd 4 Putakitaki Street, Lincoln, Christchurch 7608
Distributor:	Farmlands Co-operative Society Limited 535 Wairakei Road, Burnside, Christchurch 8053 TEL 0800 200 600
24 hour emergency contact:	0800 CHEMCALL (0800 243622)
National Poisons Centre:	0800 POISON (0800 764766)

## Section 2: Hazard identification

HSNO Approval:	Product is classified as hazardous according to the Hazardous Substances (Hazard Classification) Notice 2020 of the HSNO Act, 1996. HSR000381
Hazardous classification:	Acute oral toxicity Category 4, Serious eye damage Category 1, Specific target organ toxicity (repeated exposure) Category 1, Hazardous to soil organisms, Hazardous to terrestrial vertebrates, Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.
Pictograms:	
Signal word:	DANGER
Hazard statements:	H302 Harmful if swallowed H318 Cause serious eye damage H372 May cause damage to organs through prolonged or repeated exposure H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects Very toxic to some plant species
Prevention statements:	Toxic to terrestrial vertebrates P102 Keep out of reach of children. P103 Read label before use. P260 Do not breathe dust/fume/gas/mist/vapours/spray P264 Wash hands, arms and face thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves, protective clothing, eye and face protection.

Response statements:	<p>P101 If medical advice is needed, have product container or label at hand.</p> <p>P301+P312 IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.</p> <p>P330 Rinse mouth</p> <p>P305+351+338IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTRE or doctor/physician.</p> <p>P314 Get medical advice/attention if you feel unwell.</p> <p>P391 Collect spillage.</p>
Storage statements:	-
Disposal statement:	P501 Dispose of product and containers in accordance with local Regulations. See Section 13 for details.
Additional Label Requirements:	<p>Do not apply into or onto water.</p> <p>Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.</p>

### Section 3: Composition/information on ingredients

Chemical identity of ingredients with health or environmental hazards:

<i>Ingredient</i>	<i>CAS No.</i>	<i>Proportion% w/v</i>
MCPA (present as the dimethylamine salt)	94-74-6	75
Other ingredients	Proprietary	Up to 100

### Section 4: First-aid measures

First aid measures:	If medical advice is needed, have product container or label at hand. For advice contact National Poisons Centre 0800 POISON [0800 764 766] or a doctor.
Ingestion:	Do NOT induce vomiting. Rinse mouth. Call a POISON CENTRE or doctor for advice if you feel unwell.
Inhalation:	Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor if person feels unwell. If person is not breathing dial 111 for an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
Skin contact:	Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs get medical attention.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention.
First aid facilities:	Provide eye baths and safety showers close to areas where product contact or splashing may occur.
Advice to doctor:	Treat symptomatically.

### Section 5: Fire-fighting measures

Flammability:	Non-flammable.
Appropriate extinguishing media:	Water spray, foam, dry chemical, CO <sub>2</sub> . Avoid water jet

Hazardous decomposition products:	No data available										
Special protective equipment and precautions for fire-fighters:	During a fire, toxic fumes may be emitted. Wear self-contained breathing apparatus. Contain runoff.										
Hazchem Code:	3Z										
<b>Section 6: Accidental release measures</b>											
Personal precautions:	Wear protective clothing (overalls buttoned at wrist and neck), chemical resistant gloves and boots and chemical goggles or face shield.										
Environmental precautions:	Contain and collect spillage. Prevent chemical contaminating drains or watercourses by activating emergency shut-off valves or using bunding. Inform appropriate authorities immediately if spill enters waterways or sewers. Prevent chemical contaminating soil.										
Procedure for clean up:	Collect spill and absorb residues with inert absorbent material such as sand, soil or clay granules. Collect into an appropriate, labelled, waste container and dispose of at an approved facility. Prevent runoff entering waterways or contaminating the soil.										
<b>Section 7: Handling and storage</b>											
Safe handling:	Read label before use. Use only outdoors or in a well-ventilated area. Wear protective clothing; chemical goggles or a face shield, impervious gloves, overalls and boots when handling.. Wash splashes from skin immediately. Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash contaminated clothing before re-use.										
Safe storage:	Keep out of reach of children. Store in the original, tightly closed container, locked up away from foodstuffs. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals. Stores containing 100 L or more require secondary containment, signage and emergency response plans										
<b>Section 8: Exposure controls/personal protection</b>											
Occupational exposure limits:	<table border="1"> <thead> <tr> <th><i>Ingredient</i></th> <th><i>CAS No.</i></th> <th><i>WES-TWA</i></th> <th><i>WES-STEL</i></th> </tr> </thead> <tbody> <tr> <td>MCPA</td> <td>94-74-6</td> <td>-</td> <td>-</td> </tr> </tbody> </table>			<i>Ingredient</i>	<i>CAS No.</i>	<i>WES-TWA</i>	<i>WES-STEL</i>	MCPA	94-74-6	-	-
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MCPA	94-74-6	-	-								
Biological limit value:	None set as of WorkSafe's 14 <sup>th</sup> edition of WES and BEI values, published November 2023.										
Engineering controls:	Use only in well-ventilated areas. If necessary, use local exhaust ventilation to keep airborne concentration below the exposure limits.										
Respiratory protection:	Wear half or full mask fitted with vapour filter when mixing or applying spray.										
Hand protection:	Elbow length, chemical resistant gloves (e.g. PVC, rubber, neoprene or nitrile).										

Eye protection:	Goggles with side pieces or a face shield.
Skin protection:	Overalls and PVC or rubber boots.
General hygiene:	Do not eat, drink or smoke while using. Wash hands and exposed skin thoroughly with soap and water before meals and after work. Wash protective clothing daily after work.
Personal Protection:	Further information on specific types of personal protective gear and related standards is available in Section 16.

## Section 9: Physical and chemical properties

(a) Appearance:	Brown liquid
(b) Odour:	Ammonia odour
(c) Odour threshold:	Not available.
(d) pH:	7.5-9.5
(e) Melting point/freezing point:	> 100°C
(f) Initial boiling point and boiling range:	Not available Not applicable
(g) Flash point:	Non-flammable
(h) Flammability (solid, gas):	-
(i) Upper/lower flammability or explosive limits:	Not available.
(j) Vapour pressure:	No data available
(k) Vapour density:	No data available
(l) Relative density:	Ca 1.18
(m) Solubility:	Soluble in water
(n) Partition coefficient: n-octanol/water:	Not available.
(o) Auto-ignition temperature:	Not available.
(p) Decomposition temperature:	Not available.
(q) Kinematic viscosity:	Not available
(r) Particle characteristics	Not available

## Section 10: Stability and reactivity

Stability of the substance:	Stable under normal storage conditions of use.
Conditions to avoid:	No information available
Incompatible materials:	Strong acids, bases and strong oxidizing agents
Hazardous decomposition products:	Carbon monoxide, carbon dioxide and smoke.

## Section 11: Toxicological information

	<p>Toxicity classifications determined by assessment of the components in the formulated mixture.</p>
a) Acute toxicity:	Harmful if swallowed
b) Aspiration hazard:	Not classified.
c) Respiratory irritation:	Not classified
d) Skin corrosion / irritation:	None
e) Serious eye damage / irritation:	Cause serious eye damage
f) Respiratory or skin sensitisation:	Not classified.
g) Germ cell mutagenicity:	Not classified.
h) Carcinogenicity:	Not classified.
i) Reproductive toxicity:	Cause damage to organs through prolonged or repeated exposure.
j) Specific organ toxicity:	Not classified.
k) Narcotic effects:	No information.
l) Other adverse effects:	
m) Toxicological information:	<p>Acute Oral LD50 (rat) 700-1160mg/kg for MCPA acid                      Acute Dermal LD50 (rabbit) &gt; 4000mg/kg for MCPA acid                      Acute Inhalation: LC50 (rat) 5mg/L air for MCPA acid</p>

## Section 12: Ecological information

	<p>Ecotoxicological classifications determined by assessment of the active ingredient.</p>
(a) Aquatic ecotoxicity:	Very toxic to aquatic life.
(b) Soil ecotoxicity	Very toxic to aquatic life with long-lasting effects
(c) Terrestrial vertebrate ecotoxicity:	Very toxic to some plant species.
(d) Terrestrial invertebrate ecotoxicity:	Toxic to terrestrial vertebrates.
(e) Persistence and degradability:	Not classified
(f) Potential to be bioaccumulative:	Low persistence.
(g) Mobility in soil.	Octanol-water partition coefficient LogP = 0.21 (low)
(h) Ecotoxicological information for active ingredient (MCPA):	<p>MCPA and its formulations are rapidly degraded in soil</p> <p>LC50 96hr (Rainbow trout) = 117-232 mg/L</p> <p>MCPA is practically non-toxic to freshwater invertebrates, and slightly toxic to freshwater fish.                      Birds: MCPA is moderately toxic to birds. Oral LD50 ( Bob-white quail) = 377 mg/kg                      Bees: MCPA is non- toxic to bees with a reported oral LD50 of 104 µg/bee.</p>

## Section 13: Disposal considerations

Product disposal:	Dispose of this product only by using according to the label or through an agricultural chemical disposal or hazardous substance service. Do not allow material to contaminate ground water system or surface water.
Container disposal:	Triple rinse container and add residue to spray tank. Recycle clean, empty container through an agrichemical recycling service if possible or crush and bury in an approved landfill. Do not use container for any other purpose. Avoid contamination of any water supply or stream with product or empty container.

## Section 14: Transport information

UN number:	3082
UN proper shipping name:	Environmentally hazardous substance, Liquid N.O.S, (MCPA 75%)
UN class:	9
Packing group:	III
HAZCHEM:	3Z
Marine pollutant:	Yes
Special precautions:	This product is classified as a Dangerous Good Class 9. Consult the Land Transport Rule: Dangerous Goods 2005 and NZS 5433:2020 Transport of Dangerous Goods on Land for more information.

## Section 15: Regulatory information

HSNO:	Approved substance under the HSNO Act 1996.
Substance approval number:	HSR000381
Tolerable exposure limit / environmental exposure limit:	No limits set.
HSNO controls:	See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a>

Qualifications	Yes
Tracking:	No
Safety Data Sheet:	Any quantity
Restricted to workplace only:	No
Quantity that must be secured when unattended:	-
Fire extinguishers	-
Quantity for secondary containment and emergency response plan:	100L
Quantity for signage:	100L
Quantity for Location certificate	-
Records of use (3 kg or more applied to area within 24 hours)	Yes
Quantity that requires management in accordance with HSW HS Regulations	-

	Hazardous Substances (Packaging) Notice 2017; Clause 9	UN Pack Group III
Additional controls:	-	
Additional information:	Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area. Refer to WorkSafe for additional information on controls in the workplace; <a href="http://www.worksafe.govt.nz">www.worksafe.govt.nz</a> .	
ACVM:	Registered under the Agricultural Compounds Veterinary Medicines Act 1997.	
Registration number:	P10233	
Conditions of registration:	See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a>	
<b>Section 16: Other information</b>		
Date of issue:	01/12/2025	
Reason for reissue:	Updated label	
Replaces:	Not applicable	
Information references:	Supplier Safety Data Sheet NZ EPA Approved hazardous substances databases. Workplace Exposure Standards and Biological Exposure Indices	
Abbreviations:	ACVM: Agricultural Chemicals and Veterinary Medicines Group Bw: Bodyweight. HSNO: Hazardous substances and New Organisms Act 1996 (HSNO Act) EPA: Environmental Protection Authority of New Zealand CAS Number: Chemical Abstracts Service Number LD50: Lethal Dose 50% (Population) LC50: Lethal Concentration 50% (Population) WES-TWA: Workplace exposure standards – Time-weighted average WES-STEL: Workplace exposure standards – Short-term exposure limit	
Personal Protection Standards:	The following Standards provide general advice regarding safety clothing and equipment: Respiratory equipment: <b>AS/NZS 1715</b> , Protective Gloves: <b>AS 2161</b> , Occupational Protective Clothing: <b>AS/NZS 4501</b> , Industrial Eye Protection: <b>AS1336</b> and <b>AS/NZS 1337</b> , Occupational Protective Footwear: <b>AS/NZS2210</b>	

The data provided in this safety data sheet is based on current knowledge and experience. The purpose of this document is to describe the product in terms of its safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.