

SAFETY DATA SHEET

MATCHPOINT®

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

1.1 Identifiers

Product name: **MatchPoint®**
 Other Name(s): 375g/L MCPB and 25 g/L MCPA both as the sodium salts in the form of a soluble concentrate

1.2 Recommended use of the chemical and restrictions on use

Product Use: For the control of broadleaf weeds in pasture, grass, white clover seed crops, peas and cereals.

1.3 Supplier contact details:

Company name: Grosafe Chemicals Limited
 Address: 20 Jean Batten Drive Mt Maunganui, 3116
 Telephone: 0800 220 002
 Email: info@grosafe.co.nz

Emergency telephone number (24 hour) 0800 CHEMCALL (0800 243 622)

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance

Hazardous substance according to Hazardous Substances and New Organisms (HSNO) Act 1996
 HSNO Approval: HSR000726

Hazard Classifications: Acute toxicity (oral) Category 4, Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms; Hazardous to terrestrial vertebrates; Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

2.2 Label elements:

Pictograms:



Signal Word: WARNING

Hazard statements:

H302 Harmful if swallowed
 H319 Causes serious eye irritation.
 H361 Suspected of damaging fertility or the unborn child.
 H373 May cause damage to organs from prolonged or repeated exposure.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

Hazardous to soil organisms.
Hazardous to terrestrial vertebrates.

Precautionary statements:

Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust or spray mist.
P264	Wash hands and exposed skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear eye protection/face protection, protective gloves and protective clothing.

Response

P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.
P305 +P351 +P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P308 + P313	If exposed or concerned: Get medical advice/attention.
P391	Collect spillage.

Storage

P405	Store locked up
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Disposal

P501	Dispose of contents/container in accordance with local regulations.
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Additional labelling statements required under Hazardous Substances (Labelling) Notice 2017

Do not apply directly into or onto water.

Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS	Proportion %w/w
MCPA (as sodium salt)	94-74-6	2-3
MCPB (as sodium salt)	94-81-5	37-38
Other ingredients that don't contribute to hazard classifications of this product	-	Balance

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General Information:

For advice, or if you feel unwell or are exposed or concerned, call the National Poisons Centre 0800 POISON (0800 764 766) (24 hours) or a doctor. Have product label or container at hand.

IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

IF ON SKIN : Wash with plenty of soap and water.

IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice if you feel unwell.

Medical attention and special treatment

Treat symptomatically. No specific antidote.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Water fog, foam, carbon dioxide or dry chemical.

5.2 Specific hazards arising from this chemical

Addition of water may cause excessive foaming. Vapours may be toxic.

5.3 Precautions in connection with fire

Isolate fire area. Evacuate downwind. Firefighters to wear self-contained breathing apparatus and suitable protective clothing if risk to of exposure to vapour or smoke. Keep containers cool by spraying with water. Do not breathe or contact smoke, gases or vapours generated. Contain all runoff.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Have this SDS available. In the event of an accidental spill, wear full protective clothing including respiratory, clothing, gloves and eye/face protection. Exclude non-essential people from the area. Wash contaminated personal protective equipment and clothing, and dry before re-use.

6.2 Environmental precautions

Prevent spillage from entering drains or waterways. If contamination of drains, streams, watercourses, etc. is unavoidable, advise the local water authority.

6.3 Methods and materials for containment and cleaning up

Contain spilled material. For small liquid spills, use absorbent material such as sand, soil, vermiculite and recover into labelled drums that can be sealed for safe disposal. For large liquid spills, recover liquid into labelled containers then absorb remaining liquid and transfer to drums for disposal. Clean area with water and detergent. Dispose of contaminated materials to approved landfill in accordance with local regulations.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Read the product label before use. Do not eat, drink or smoke when using this product. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust or spray mist. Wear protective eye protection/face protection, protective gloves and protective clothing. Wash hands and any exposed skin thoroughly after handling.

7.2 Conditions for safe storage

Store locked up in the tightly closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. DO NOT store near feedstuffs or seed.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Occupational exposure limit values

No exposure limit established

8.2 Biological limit values

No exposure limits allocated.

8.3 Engineering controls

Use in well-ventilated areas only. Use local exhaust at all process locations. Ventilate all transport vehicles prior to unloading. Keep containers closed when not in use. Refer to relevant regulations for further information concerning ventilation requirements.

8.4 Personal protective equipment (PPE)

The following Standards provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: **AS/NZS 4501**, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

Eye/Face Protection: Wear protective glasses, goggles or face shield when mixing or applying product.

Skin Protection: Wear impervious gloves, coat, trousers, waterproof hat. Ensure all skin areas are covered.

Respirator: Where product is being sprayed and a mist could be produced, a respirator should be worn. It should be fitted with a cartridge suitable for agricultural chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Amber liquid
Odour	Very slight odour.
Odour threshold	Not available
pH	10.5 - 12
Melting/Freezing Point	Not available
Boiling Point /Range	Not available
Flash point	Not applicable
Flammability (solid, gas)	Non flammable
Upper/lower flammability or explosive limits	No data
Vapour Pressure	Not available
Vapour density	No data
Specific gravity	1.14 g/ml
Solubility	Soluble in water
Partition Co-efficient n-octanol/water	No data
Auto-ignition temperature	No data
Decomposition temperature	No data
Viscosity	No data
Particle characteristics	No data

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity and stability

Stable under normal conditions of storage in original container.

10.2 Conditions to Avoid

Do not store for prolonged periods in direct sunlight.

10.3 Incompatible materials

Explosives (class 1), oxidising gases, oxidising liquids, oxidising solids, organic peroxides

10.4 Hazardous decomposition products

None known.

10.5 Possibility of hazardous reactions

No information available.

10.6 Hazardous Polymerisation

No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Health hazard information

The product is classified for health hazards according to an assessment of information on product components.

11.2 Toxicological information

Acute toxicity	Classified as acute oral toxicant.
Skin corrosion/irritation	Not classified
Serious eye damage/eye irritation	Eye irritant
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Classified as reproductive toxicant
Specific target organ toxicity (single/repeated exposure)	Classified as specific target organ toxicant (repeated exposure)
Aspiration hazard	Not classified

The following data is for the active ingredient-MCPB:

Acute oral LD50 for male rats 4300, female rats 5300 mg/kg.
 Skin and eye Acute percutaneous LD50 for rats >2000 mg/kg.
 Not an eye or a skin irritant.
 Not a skin sensitiser.
 Inhalation LC50 (4 h) for rats >1.14 mg/l air.

The following data is for the active ingredient-MCPA:

Oral Acute oral LD50 for rats 962–1470 mg/kg.
 Skin and eye Acute percutaneous LD50 for rats >4000 mg/kg.
 Not irritating to skin; severe eye irritant.
 Not a skin sensitiser.
 Inhalation LC50 (4 h) for rats >6.36 mg/l.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

This product is classified as Hazardous to soil organisms; Hazardous to terrestrial vertebrates; Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1. No data available for formulated product.

The following data is for the active ingredient-MCPB:

Fish LC50 (48 h) for rainbow trout 75, fathead minnows 11 mg/l.
 Bees Not toxic to bees.

The following data is for the active ingredient-MCPA:

Birds Acute oral LD50 for bobwhite quail 377 mg/kg.
 Fish LC50 (96 h, using MCPA salt solution) for rainbow trout 50–560, bluegill sunfish >150, carp 317, silverside 220 mg/l.
 Daphnia LC50 (48 h) >190 mg/l.
 Algae EC50 for *Selenastrum capricornutum* >392 mg/l.
 Bees LD50 (oral and contact) >200 µg/bee.
 Worms LD50 (14 d) for *Eisenia foetida* 325 mg/kg dry soil.

12.2 Persistence and degradability

Non-persistent: MCPA DT₅₀ (typical) 12.07; MCPB DT₅₀ (typical) 3.65

12.3 Mobility

Mobile in soil (MCPA); Moderately mobile in soil (MCPB)

12.4 Bioaccumulative Potential

Low potential: MCPA BCF (l kg⁻¹) 1; MCPB low risk.

12.5 Other adverse effects

May cause serious damage to non-target plants.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Product Disposal

Dispose of this product only by using according to the label, or through a Chemical Recovery service or other licensed hazardous waste disposal facility.

13.2 Container Disposal

Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery® depot for recycling. Alternatively, puncture and dispose of at an approved landfill.

13.3 Precautions

Do not allow product or empty container to enter waterways.

13.4 Disposal methods to avoid

Do not burn empty container. Do not allow product or empty container to enter waterways.

SECTION 14: TRANSPORT INFORMATION

Road and Rail Transport:

Classified as Dangerous Goods for the transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

Marine Transport (IMO/IMDG):

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Classified as Dangerous Good by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulation for transport by air.

UN Number:	3082
UN Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MCPA and MCPB)
Transport hazard class(es)	9
Packing Group:	III
Hazchem	2X
Special Precautions for User:	Not available
IMDG Marine pollutant:	Yes
Transport in Bulk:	Not available

SECTION 15: REGULATORY INFORMATION

Hazardous substance according to Hazardous Substances (Hazard Classification) Notice 2020.

Approval number: HSR000726

Hazardous classifications: Acute toxicity (oral) Category 4, Eye irritation Category 2, Reproductive toxicity Category 2, Specific target organ toxicity (repeated exposure) Category 2, Hazardous to soil organisms; Hazardous to terrestrial vertebrates; Hazardous to the aquatic environment acute Category 1, Hazardous to the aquatic environment chronic Category 1.

HSW (HS) Regulations 2017	Trigger Quantity
Certified Handler	Not required
Qualifications	Qualifications needed for mixing or loading this substance in preparation for application. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) Notice 2017.
Location Certificate	Not required
Signage Trigger Quantity (Schedule 3)	100 L
Emergency Response Plan (Schedule 5)	100 L
Secondary Containment (Schedule 16)	100 L
Tracking (Schedule 26)	Not required
Tolerable Exposure Level (TEL)	None set
Environmental Exposure Level (EEL)	None set
International Agreements	Not applicable
Additional information:	Refer to HS Notices (www.epa.govt.nz) and HSW HS Regulations (www.worksafe.govt.nz)
ACVM registration:	Registered pursuant to the Agricultural Compounds and Veterinary Medicines Act 1997; registration number P010238.

SECTION 16: OTHER INFORMATION

16.1 Date of preparation or last revision of SDS

SDS issued	03 September 2024
SDS supersedes	N/A
Reason issued	Initial SDS

16.2 ABBREVIATIONS

ADI	Acceptable Daily Intakes
CAS number	Chemical Abstracts Service Registry Number
CCID	Chemical Classification Identification Database
EPA	Environmental Protection Authority
ErC₅₀	Half maximal Effective Concentration
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
HSNO	Hazardous Substances and New Organisms
HS	Health and Safety
HSR	Hazardous Substances Register
IARC	International Agency for Research on Cancer
LC₅₀	Median Lethal Concentration
LD₅₀	Median Lethal Dose
SDS	Safety Data Sheets

NOAEL	No Observable Adverse Effect Level
NOEL	No Observable Effect Level
NOS	Not otherwise specified
STEL	Short Term Exposure Limit
SWA	Safety Work Australia
TWA	Time-Weighted Average
UN Number	United Nations Number

16.3 REFERENCES

Manufacturer information
EPA CCID and Approved Substance databases
University of Hertfordshire Pesticides Properties Database

16.4 OTHER

MatchPoint® is a registered trademark of Grosafe Chemicals Ltd

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End of Safety Data Sheet