

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name:	Sabakem MCPA 750 Herbicide
Other means of identification:	Soluble concentrate containing MCPA present as the Dimethylamine salt
Recommended use of the chemical and restrictions on use:	Agricultural Herbicide for use as described on the product label.
Supplier:	Sabakem Pty Ltd
Street address:	Suite 809, Level 8, 2 Queen St Melbourne VIC 3000 Australia
Telephone no.:	03 9629 3979
Website:	www.sabakem.com
Emergency telephone:	Poisons Information Centre 13 11 26 (24 hours)

2. HAZARDS IDENTIFICATION

Classification of the substance mixture: This material is hazardous according to Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classification of the substance or mixture:

Acute toxicity (Oral) – Category 4
Skin corrosion/irritation – Category 2
Eye damage/irritation – Category 1

The following environment hazard categories fall outside the scope of the Workplace Health and Safety Regulations:

Aquatic acute toxicity – Category 1
Aquatic chronic toxicity – Category 1

SIGNAL WORD: DANGER



Hazard Statement(s):

H302 – Harmful if swallowed
H315 – Cause skin irritation
H318 – Causes serious eye damage
H400 – Very toxic to aquatic life
H410 – Very toxic to aquatic life with long lasting effects.

Precautionary Statement(s):

Prevention:

P264 – Wash contacted areas thoroughly after handling.
P270 – Do not eat, drink or smoke when using this product.

P280 – Wear protective gloves, eye and face protection.

P273 – Avoid release to the environment

Response:

P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor.

P330 – Rinse mouth

P302 + P352 – IF ON SKIN: Wash with plenty water.

P332 + P313 – If skin irritation occurs: Get medical advice/attention.

P362 + P364 – Take off contaminated clothing and wash it before reuse.

P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 – Immediately call a POISON CENTER or doctor.

P391 – Collect spillage

Disposal:

P501 - Dispose of contents/container as per container label, in accordance with local/state/territory government regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion (w/v)
MCPA as the dimethylamine salt	2039-46-5	750 g/L
Other components are not considered hazardous in this formulation or does not cause the correct hazard classification and therefore are not required to be disclosed according to the WHS Regulations.		

4. FIRST AID MEASURES

Speed in treatment is essential. If poisoning occurs, contact a Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766 or a doctor. Have this SDS or the label with you.

Inhalation:	No first aid measures normally required. However, if inhaled, bring affected person to fresh air. If breathing is difficult, give oxygen. If symptoms develop, contact a Poisons Information Centre or a doctor at once.
Skin contact:	If on skin, remove contaminated clothing and wash with plenty of water and soap. If symptoms develop, seek medical attention.
Eye contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical advice.
Ingestion:	If swallowed, rinse mouth and contact a Poisons Information Centre, or call a doctor if you feel unwell. Do not induce vomiting unless told to do so by the Poisons Information Centre or doctor.
First aid facilities:	Eyewash and normal washroom facilities.
Symptoms caused by exposure:	Symptoms of MCPA poisoning in humans from very high acute exposure could include slurred speech, twitching, jerking and spasms, drooling, low blood pressure, and unconsciousness. May cause serious damage to eyes, harmful if swallowed, skin irritant.
Medical attention and special treatment:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Not Combustible. Use extinguishing media suited to burning materials.
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Specific hazards arising from the substance or mixture:	There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.
Special protective equipment and precautions for fire-fighters:	In case of fire and/or explosion do not breathe fumes. Wear self-contained breathing apparatus and chemical-protective clothing. Keep containers cool by spraying with water if exposed to fire. Collect contaminated extinguishing water separately. Do not allow contaminated water to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
Hazchem code:	•3Z (bulk only)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions/Protective equipment and Emergency procedures:	Wear appropriate personal protective equipment and clothing to prevent exposure. Provide adequate ventilation. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Wear protective clothing as described in Section 8 of this safety data sheet.
Environmental precautions:	In the event of a spill, prevent spillage from entering drains or water courses with absorbent material and call emergency services.
Methods and materials for containment and cleaning up:	Contain - prevent run off into drains and waterways. For minor spills, clean up, rinsing to sewer and put empty container in garbage. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage.

7. HANDLING AND STORAGE

Precautions for safe handling:	Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Keep containers closed at all times - check regularly for leaks or spills. Transport and store upright. Refer to Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under 'Storage' should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of the product with incompatible materials listed in Section 10.
Conditions for safe storage, including any incompatibilities:	Store in the closed, original container in a cool, well-ventilated area out of direct sunlight. Keep container tightly sealed. Make sure that the product does not come into contact with substances listed under 'Incompatibilities' in Section 10. Check packaging - there may be further storage instructions on the label.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure control measures:	No value assigned for this specific material by Safe Work Australia. No biological limit allocated for the product or any of its ingredients. No biological monitoring is required.
Biological monitoring:	No biological limit allocated for the product or any of its ingredients. No biological monitoring is required.
Control banding	No information available.
Engineering controls:	Use in well-ventilated areas. Keep containers closed when not in use.
Individual protection measures, such as Personal Protective Equipment (PPE):	
See container label safety directions. The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.	
Observe good standards of hygiene and cleanliness. Always wash hands, arms and face thoroughly with soap and water before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment with detergent and warm water before storage or re-use.	
Eye and face protection:	Avoid contact with eyes. Eye protection such as protective glasses or goggles must be worn when product is being used. Failure to protect your eyes may cause them harm.

Skin protection:	Emergency eye wash facilities are also recommended in an area close to where this product is being used. Consult AS/NZS 1336 and AS/NZS 1337 for further information.
	Full protective clothing, and elbow-length rubber or chemical resistant gloves should be worn when opening the container and using the product. Always check with the glove manufacturer or your personal protective equipment supplier regarding the correct type of glove to use. Consult AS/NZS 2161, AS/NZS 4501 and AS/NZS2210 for further information.
Respiratory protection:	If engineering controls are not effective in controlling airborne exposure, then an approved respirator should be used. See Australian Standards AS/NZS 1715 and AS/NZS 1716 for more information.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	No information available
Odour:	No information available
pH:	No information available
Specific gravity:	No information available
Melting point/Freezing point:	No specific data. Liquid at normal temperatures.
Boiling point/range:	No information available
Flash point:	No information available
Evaporation point:	No information available
Vapour pressure:	No information available
Vapour density:	No information available
Solubility:	Soluble in water
Partition coefficient:	No information available
n- octanol/water	
Auto-ignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	No information available

10. STABILITY AND REACTIVITY

Reactivity:	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
Chemical stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions:	No information available.
Conditions to avoid:	Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.
Incompatible materials:	Strong oxidizing agents, acids and bases.
Hazardous decomposition products:	Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	The product is considered to be acutely toxic via oral route of exposure, according to available information.
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No acute toxicity data is available for the formulation.

The toxicity data for the active constituent, MCPA¹:

Oral LD50 (rat): 500 – 1200 mg/kg

Dermal LD50 (rat): > 2000 mg/kg

Inhalation LC50 (rat): 4.5 mg/L/4hr

Skin irritation:	Causes skin irritation according to available information.
Eye irritation:	Causes serious eye damage according to available information.
Respiratory or skin sensitisation:	Not a skin sensitiser and not expected to be a respiratory sensitiser according to available information.
Germ cell mutagenicity:	Not suspected to cause genetic defects according to available data. MCPA is reportedly weakly mutagenic to bone marrow and ovarian cells of hamsters, but negative results were reported for other mutagenic tests. It appears that the compound poses little or no mutagenic risk.
Carcinogenicity:	Not considered to be carcinogenic according to available data. All of the available evidence on MCPA indicates that the compound does not cause cancer. Forestry and agricultural workers occupationally exposed to MCPA in Sweden did not show increased cancer incidence.
Reproductive toxicity:	Not considered to be toxic to reproduction according to available data. Target organs identified in animal studies include the liver, kidneys, spleen and thymus. Farm worker exposure has resulted in reversible anaemia, muscular weakness, digestive problems, and slight liver damage.
STOT-single exposure:	Not expected to cause toxicity to a specific target organ according to available information.
STOT-repeated exposure:	Not expected to cause toxicity to a specific target organ according to available data.
Aspiration hazard:	Not expected to be an aspiration hazard according to available information.
Chronic health effects:	Not expected to cause chronic health effects according to available data.
Information on possible routes of exposure:	Oral, Dermal, Inhalation routes of entry are anticipated.
Interactive effects:	No information available.

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Considered to be very toxic to aquatic life, may cause long-term adverse effects to the aquatic environment based on available information. The toxicity data for the active constituent, MCPA dimethylamine salt: LC50 (rainbow trout): 50 mg/l/96h EC50 (daphnia): >190 mg/l/48 h Toxicity data for MCPA: LD50 (bobwhite quail): 377 mg/kg MCPA is moderately toxic to wildfowl. Oral LD50 (bee) 104 µg/bee
Persistence/Degradability:	MCPA and its formulations are rapidly degraded by soil microorganisms and it has low persistence, with a reported field half-life of 14 days to 1 month, depending on soil moisture and soil organic matter. MCPA and its formulations show little affinity for soil. It is relatively stable to light breakdown, but can be rapidly broken down by microorganisms. In rice paddy water, MCPA is almost totally degraded by aquatic microorganisms in under 2 weeks.
Bioaccumulative potential:	MCPA is readily absorbed and translocated in most plants. It is actively broken down in plants, the major metabolite being 2-methyl-4-chlorophenol.

¹ [JMPR 2005](#)

Mobility in soil:

No information available on the product.

13. DISPOSAL CONSIDERATIONS

Disposal methods: Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations. Break, crush or puncture and dispose of empty containers in a local authority landfill. Triple rinse and bury rinsate and empty capsules in a local authority landfill. If no landfill is available, bury the containers below 0.5 m in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product must not be burnt. Do NOT re-use containers for any other purpose.

14. TRANSPORT INFORMATION

Road and rail transport: Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail when transported by road or rail in;

(a) packagings that do not incorporate a receptacle exceeding 500 kg(L);

(b) or IBCs.

Marine transport: Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; MARINE POLLUTANT

UN Number: 3082

Proper Shipping Name or ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Technical Name: (CONTAINS MCPA present as dimethylamine salt)

Transport Hazard Class: 9

Packaging Group: III

IMDG EMS Fire: F – A

IMDG EMS Spill: S - F

Environmental hazards: Yes

Additional Information: The marine pollutant mark is not required when transported in sizes of ≤ 5 L or ≤ 5 kg.

Air transport: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON- DANGEROUS GOODS.

15. REGULATORY INFORMATION

Poison schedule (SUSMP): Schedule 6

APVMA approval no.: 91143

AICIS: All the constituents of this material are either listed on the Australian Inventory of Industrial Chemicals (AIIC) or not required as they are excluded as an industrial chemical being regulated as Agricultural Chemical products as per the Agricultural and Veterinary Chemicals Code Act (1994).

16. OTHER INFORMATION

General information: None

Issue date: July 2026

In any event, the review and, if necessary, the re-issue of an SDS shall be no longer than 5 years after the last date of issue.

Reason(s) for issue: Five-year update and updated to latest GHS requirements

Key abbreviations or acronyms used: ADG Code - Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)

AICIS – Australian Industrial Chemicals Introduction Scheme (formerly NICNAS)

AIIC - Australian Inventory of Industrial Chemicals

APVMA – Agricultural Pesticides and Veterinary Medicines Australia

GHS - Globally Harmonised System of Classification and Labelling of Chemicals (7th revised edition) 2017

IARC - International Agency for Research on Cancer

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice (June 2023)
STEL - Short term exposure limit means the average airborne concentration of a substance calculated over a 15-minute period. The STEL should not be exceeded at any time during a normal eight hour working day.

SUSMP - Standard for the Uniform Scheduling of Medicines & Poisons

SWA - Safe Work Australia, formerly ASCC and NOHSC

TGA – Therapeutic Goods Australia

TWA - Time-weighted average means the average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

WHS – Workplace Health and Safety

The physical values and properties described in this SDS are typical values based on scientific literature and material produced to date, and are believed to be reliable. The manufacturer, Sabakem Pty Ltd provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. The information is supplied upon the condition that the persons receiving information will make their own determination as to the suitability for their purposes prior to use of this product. Due care should be taken to ensure that the use of this product and its disposal is in compliance with all relevant Federal, State and Local Government regulations.

End of SDS