

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name:	Sabakem Clopyralid 600SL
Other means of identification:	Soluble concentrate containing Clopyralid
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:

Eye Damage – Category 1
Skin Irritation – Category 2
Specific Target Organ Toxicity Single Exposure – Category 3

SIGNAL WORD: DANGER



Hazard Statement(s):

H315 – Causes skin irritation
H318 – Causes serious eye damage
H335 – May cause respiratory irritation

Precautionary Statement(s):

Prevention:

P261 – Avoid breathing mist/vapours/ spray.
P264 – Wash contacted areas thoroughly after handling.
P271 – Use only outdoors or in a well-ventilated area.
P280 – Wear protective gloves and eye protection/ face protection.

Response:

P302 + P352 – IF ON SKIN: Wash with plenty water.
P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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 CENTRE or doctor.
P312 – Call a POISON CENTRE or doctor if you feel unwell.
P321 – Specific treatment (see this label).
P332 + P313 – If skin irritation occurs: Get medical advice/attention.
P362 + P364 – Take off contaminated clothing and wash it before reuse.

Storage:

P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.
P405 – Store locked up.

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)
Clopyralid (as the acid and triisopropanolamine salt)	1702-17-6	600 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: 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.

Medical attention and special treatment: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam. Dry powder. Carbon dioxide. Water spray.

Specific hazards arising from the substance or mixture: Hazardous combustion products include oxides of carbon and nitrogen, other nitrogen compounds, nitrogen, hydrogen cyanide, hydrogen chloride, other chlorine compounds, smoke and water.

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

Hazchem code: allow contaminated water to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures/ Environmental precautions: In the event of a spill, prevent spillage from entering drains or water courses with absorbent material and call emergency services.

Personal precautions/ Protective equipment: 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.

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 parameters: 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.

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.

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.

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. 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.

Skin protection: 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Blue
Odour:	No information available
pH:	No information available
Specific gravity:	1.2 – 1.3
Melting point/Freezing point:	No information available
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: n- octanol/water	No information available
Auto-ignition temperature:	No information available
Decomposition temperature:	No information available
Viscosity:	No information available

10. STABILITY AND REACTIVITY

Reactivity:	No known reactivity hazards associated with this product, under normal conditions of use.
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:	Direct sunlight. Extremely high or low temperatures.
Incompatible materials:	Strong oxidizing agents, acids and bases.
Hazardous decomposition products:	Oxides of carbon and nitrogen, other nitrogen compounds, nitrogen, hydrogen cyanide, hydrogen chloride, other chlorine compounds, smoke and water.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Not considered to be acutely toxic via oral, dermal or inhalation routes of exposure, according to available information.
	No acute toxicity data is available for the formulation.
	The toxicity data for the active constituent, Clopyralid (ISO): Oral LD50 (rat): 2675-3738 mg/kg Dermal LD50 (rat): > 2000 mg/kg
Skin irritation:	Considered to be a skin irritant 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.
Carcinogenicity:	Not considered to be carcinogenic according to available data.
Reproductive toxicity:	Not considered to be toxic to reproduction according to available data.
STOT-single exposure:	May cause respiratory irritation through single exposure 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.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not considered to be toxic to aquatic life based on available information.

No toxicological data is available for the formulation.

The toxicity data for the active constituent, Clopyralid (ISO):

LC50 Fish (96h, bluegill sunfish): 125mg/L

LC50 Fish (96h, rainbow trout): 103.5 mg/L

Persistence/Degradability: No information available on the product.

Bioaccumulative potential: No information available on the product.

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: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

Marine transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON- DANGEROUS GOODS.

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 5

APVMA approval no.: 95363

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 number: 001

Issue date: 10 February 2025

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: First issue

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