



SAFETY DATA SHEET

DATE: 3rd August 2026

1. Identification

Product Name: Chlorambucil USP

CAS Number: 305-03-3

Recommended use/Use advised against: No information available

Details of the Australian Supplier:

Astral Scientific Pty Ltd
29 Mangrove Lane
Taren Point NSW 2229

Company Phone Number: 02 9540 2055

Email Address: support@astralscientific.com.au

Emergency Telephone Number: 13 11 26

2. Hazard(s) Identification

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910. 1200)

Label Elements

Signal Word: Danger

Hazard Statements: H301 Toxic if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H 335 May cause respiratory irritation. H350 May cause cancer.



Precautionary Statements: Prevention: P201 Obtain special instructions before use. P261 Avoid breathing dust/ fume/ gas/ mist/ vapors / spray. P264 Wash skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. Response: P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Rinse mouth. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. Storage: P403 + P233

Store in a well-ventilated place. Keep container tightly closed. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

3.Composition / Information on ingredients

Component	CAS #	Purity / Weight %
Chlorambucil	305-03-3	< = 100%

4.First-aid measures

General Advice	If symptoms persist, call a physician.
Eye Contact	Rinse immediately with plenty of water, remove contact lenses. Get medical attention.
Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water/ shower, call a physician.
Inhalation	Remove to fresh air. Get medical attention.
Ingestion	Immediately make victim drink water (two glasses at most). Get immediate medical attention immediately. In exceptional cases only, if medical care is not available within one hour, induce vomiting (only in persons who are wide awake and fully conscious). Consult doctor as quickly as possible.

Most important symptoms/effects	The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11
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5.Fire-fighting measures

Suitable extinguishing media	Water, Foam, Carbon dioxide (CO2), Dry powder
Unsuitable extinguishing media	No information available
Flash Point	No information available
Method	No information available
Autoignition temperature	No information available

Explosion limits

Upper	No information available
Lower	No information available
Sensitivity to mechanical impact	No information available
Sensitivity to static discharge	No information available

Specific hazards arising from the chemical

Carbon oxides, Nitrogen oxides (NOx), Hydrogen chloride gas, Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

6.Accidental release measure

Personal precautions	Use personal protective equipment as required. Ensure adequate ventilation. Avoid dust formation.
Environmental precautions	Do not let product enter drains.
Methods for containment/clean-up	Sweep up and shovel into suitable containers for disposal. Keep in suitable, closed containers for disposal.

7.Handling and storage

Handling	Wear personal protective equipment/face protection. Ensure adequate ventilation. Work under hood. Do not inhale substance/mixture. Great care should be taken to prevent inhaling particles and exposing to the skin. Do not get in eyes.
Storage	Preserve in tightly closed / light-resistant container. Store at 2 – 8°C. Keep locked up or in an area accessible only to qualified or authorised person.

8.Exposure controls / personal protection

Personal protective equipment

Eye/Face protection	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910. 133 or European Standard EN166.
Skin and body protection	Wear appropriate protective gloves and clothing to prevent skin exposure.
Respiratory protection	Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical state	Powder
Appearance	White or off-white crystalline powder
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/range	No information available
Boiling point/range	No information available
Flash point	No information available
Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability or explosive elements:	
Upper	No information available
Lower	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity	No information available

10. Stability and reactivity

Reactive hazard	The following applies in general to flammable organic substances and mixtures: in correspondingly fine distribution, when whirled up a dust explosion potential may generally be assumed.
Stability	Stable under normal conditions
Conditions to avoid	No information available
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	In the event of fire: see section 5

Hazardous polymerization No information available

Hazardous reactions No information available

11.Toxicological information

Acute Toxicity

Product information / Component information

LD50 Oral	LD50 Dermal	LC50 Inhalation
Rat - 76 mg/kg	No information available	No information available

Toxicologically synergistic products No information available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Irritation No information available

Sensitization No information available

Carcinogenicity No information available

Mutagenic effects No information available

Reproductive effects No information available

Developmental effects No information available

Teratogenicity No information available

STOT – single exposure No information available

STOT – repeated exposure No information available

Aspiration hazard No information available

Endocrine disruptor information No information available

Other adverse effects The toxicological properties have not been fully investigated.

12.Ecological information

Ecotoxicity

Do not empty into drains

Persistence and degradability No information available

Bioaccumulation/accumulation No information available

Mobility No information available

13. Disposal considerations

Waste disposal methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional and national hazardous waste regulations to ensure complete and accurate classification. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

14. Transport information

DOT	Not regulated
TDG	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet