



SAFETY DATA SHEET
ProGibb LV Plus Plant Growth Regulator Liquid

SECTION 1: Identification: Product identifier and chemical identity

Product identifier

Product name ProGibb LV Plus Plant Growth Regulator Liquid

Relevant identified uses of the substance or mixture and uses advised against

Application Plant Growth Regulator

Uses advised against No specific uses advised against are identified.

Details of the supplier of the safety data sheet

Supplier www.sumitomo-chem.com.au
 Sumitomo Chemical Australia Pty Ltd
 Level 5, 51 Rawson Street,
 EPPING, NSW 2121
 (02) 8752 9000
 (02) 8752 9099
 Reception@sumitomo-chem.com.au

Emergency telephone number

Emergency telephone 1800 033 111 (Australia) 0800 734 607 (New Zealand)

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Label elements

Hazard statements NC Not Classified

Other hazards

This product does not contain any substances classified as PBT (persistent, bioaccumulative and toxic) or vPvB (very persistent and very bioaccumulative).

SECTION 3: Composition and information on ingredients

Substances

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| Other ingredients deemed not to be hazardous | 60-100% |
| CAS number: — | |

| | |
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| Gibberellic acid | 5-10% |
| CAS number: 77-06-5 | |

Product name ProGibb LV Plus Plant Growth Regulator Liquid

SECTION 4: First aid measures

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Description of first aid measures

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| General information | If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131126; New Zealand 0800 764 766), and follow the advice given. Show this Safety Data Sheet to a doctor. |
| Inhalation | No specific recommendations. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues. |
| Ingestion | No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues. |
| Skin Contact | No specific recommendations. Rinse with water. Get medical attention if any discomfort continues. |
| Eye contact | Rinse with water. Get medical attention if any discomfort continues. |
| Protection of first aiders | Use protective equipment appropriate for surrounding materials. |

Most important symptoms and effects, both acute and delayed

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|----------------------------|---|
| General information | The severity of the symptoms described will vary dependent on the concentration and the length of exposure. |
| Inhalation | No specific symptoms known. |
| Ingestion | No specific symptoms known. |
| Skin contact | No specific symptoms known. |
| Eye contact | No specific symptoms known. |

Indication of any immediate medical attention and special treatment needed

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| Notes for the doctor | Treat symptomatically. |
| Specific treatments | No special treatment required. |

SECTION 5: Firefighting measures

Extinguishing media

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| Suitable extinguishing media | The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |

Special hazards arising from the substance or mixture

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| Specific hazards | Containers can burst violently or explode when heated, due to excessive pressure build-up. |
| Hazardous combustion products | Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. |

Advice for firefighters

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| Protective actions during firefighting | Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. |
|---|---|

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Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to Australia/New Zealand Standards AS/NZS 4967 (for clothing) AS/NZS 1801 (for helmets), AS/NZS 4821 (for protective boots), AS/NZS 1801 (for protective gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions No specific recommendations. For personal protection, see Section 8.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up

Methods for cleaning up Reuse or recycle products wherever possible. Absorb spillage to prevent material damage. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage, including how the chemical may be safely used

Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions No specific recommendations.

Storage class Unspecified storage.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.

SECTION 8: Exposure controls and personal protection

Control parameters

Occupational exposure limits

No value assigned for this specific material by Safe Work Australia

Exposure controls

Appropriate engineering controls No specific ventilation requirements.

Eye/face protection No specific eye protection required during normal use. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection No specific hand protection recommended.

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| Hygiene measures | Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product. |
| Respiratory protection | No specific recommendations. Provide adequate ventilation. If ventilation is inadequate, suitable respiratory protection must be worn. |
| Environmental exposure controls | Not regarded as dangerous for the environment |

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

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| Appearance | Colourless liquid. |
| Colour | Clear. |
| Relative density | 1.14 g/mL |

SECTION 10: Stability and reactivity

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| Reactivity | There are no known reactivity hazards associated with this product. |
| Stability | Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions. |
| Possibility of hazardous reactions | No potentially hazardous reactions known. |
| Conditions to avoid | There are no known conditions that are likely to result in a hazardous situation. |
| Materials to avoid | No specific material or group of materials is likely to react with the product to produce a hazardous situation. |
| Hazardous decomposition products | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. |

SECTION 11: Toxicological information

Information on toxicological effects

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| Toxicological effects | Not regarded as a health hazard under current legislation. |
| <u>Acute toxicity - oral</u> | |
| Notes (oral LD₅₀) | Based on available data the classification criteria are not met. |
| <u>Acute toxicity - dermal</u> | |
| Notes (dermal LD₅₀) | Based on available data the classification criteria are not met. |
| <u>Acute toxicity - inhalation</u> | |
| Notes (inhalation LC₅₀) | Based on available data the classification criteria are not met. |
| <u>Skin corrosion/irritation</u> | |
| Animal data | Based on available data the classification criteria are not met. |
| <u>Serious eye damage/irritation</u> | |
| Serious eye damage/irritation | Minimally irritating, cleared by 24 hrs (rabbit) |
| <u>Respiratory sensitisation</u> | |
| Respiratory sensitisation | Based on available data the classification criteria are not met. |

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Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Based on available data the classification criteria are not met.

IARC carcinogenicity

None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

No specific symptoms known.

Ingestion

No specific symptoms known.

Skin Contact

No specific symptoms known.

Eye contact

Minimally irritating to eyes.

Route of exposure

Ingestion Inhalation Skin and/or eye contact

Target Organs

No specific target organs known.

SECTION 12: Ecological information

Ecotoxicity

Not regarded as dangerous for the environment.

Toxicity

Based on available data the classification criteria are not met. Data for active ingredient only.

Acute aquatic toxicity

Acute toxicity - fish

LC₅₀, >150 hours: 96 mg ai/l, *Oncorhynchus mykiss* (Rainbow trout)
[TGA Limit test]

Acute toxicity - aquatic invertebrates

EC₅₀, 48 hour: >448 mg/l, *Daphnia magna*

Acute toxicity - terrestrial

LD50, : >2,250 mg/kg, *Colinus Virginianus* (Bobwhite Quail)

Persistence and degradability

Persistence and degradability

Active ingredient is naturally occurring plant growth regulator that has been shown in publications to be present in all plants. Active ingredient is not considered readily biodegradable and does not undergo aqueous photo-degradation.

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Bioaccumulative potential

Bioaccumulative Potential

Bio-Concentration Factor (BCF): Given that the log Pow for the active ingredient (0.45) is much less than 3, there is no potential for bio-concentration in fatty tissues and no potential for aquatic bio-magnification.

Mobility in soil

Mobility No data available.

Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

Waste treatment methods

General information

The generation of waste should be minimised or avoided wherever possible. This material and its container must be disposed of in a safe way.

Disposal methods

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SECTION 14: Transport information

General

Not a dangerous good for transport by Road and Rail according to ADG 7 code Not regulated.

SECTION 15: Regulatory information

Inventories

Australia - AICS

None of the ingredients are listed or exempt.

SECTION 16: Any other relevant information

Abbreviations and acronyms used in the safety data sheet

ADG: Australian dangerous goods code

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service.

ATE: Acute toxicity estimate.

LC₅₀: Lethal concentration to 50 % of a test population.

LD₅₀: Lethal dose to 50% of a test population (median lethal dose).

EC₅₀: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative.

Classification abbreviations and acronyms

Eye Irrit. = Eye irritation

Revision date

11/08/2021

ProGibb LV Plus Plant Growth Regulator Liquid

| | |
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| Revision | 4 |
| Supersedes date | 28/08/2019 |
| SDS No. | 4863 |

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