

SAFETY DATA SHEET

Product Name: **Lawn Prickle Control**

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	Lawn Prickle Control
Recommended uses:	Herbicide – liquid concentrate
Restrictions on Use/Supply	None
Molecular Formula:	Mixture
Supplier:	Burnet's Horticulture Limited
Street Address:	28 Andromeda Crescent, East Tamaki, Manukau, New Zealand
Postal Address:	PO BOX 58-510 Botany, Auckland 2163
Telephone	0800 775 710
Email:	enquiries@burnets.co.nz
Website:	http://www.burnets.co.nz/
Emergency Contact Numbers:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

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2. HAZARDS IDENTIFICATION

GHS Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
Eye Irrit. 2	Not applicable for the UN RTDG Model Regulations		Warning	H319	P103 P264 P280	P305+P351+P338 P337+P313	No storage statements	P501
Skin Sens. 1	Not applicable for the UN RTDG Model Regulations		Warning	H317	P103 P261 P272 P280	P302+P352 P333+P313 P321 P363	No storage statements	P501

Signal word:

WARNING

Dangerous Goods:

Not a DG for transport

Packaging Group:

Not applicable

GHS Codes:

Eye Irritation Cat. 2

Skin Sensitisation Cat. 1

Pictograms:



Hazard Statement:

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

Designed for biocidal action.

Precautionary Statements:

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P103: Read label before use

P261: Avoid breathing mist or spray

P264: Wash hands thoroughly after handling.

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P272: Contaminated work clothing should not be allowed out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P321: Rinse from skin using cold water, then wash with a mild soap.

P363: Wash contaminated clothing before reuse.

P337+P313: If eye irritation persists: Get medical advice/attention.

P305+P352+P338: IF IN EYES: Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. Do NOT burn.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: Clear amber liquid

Ingredients

Ingredients	CAS #	Content %
Bentazone sodium	50723-80-3	7-8%
Non specified non-hazardous ingredients	NA (Mixture)	to 100 %

4. FIRST AID MEASURES

General information: In case of accident, or if you feel unwell, seek medical advice (show the label where possible).

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Ingestion:	Drink one or two glasses of milk or water. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Eye Contact:	Can cause serious eye irritation. Rinse cautiously for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If irritation persists, seek medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Skin Contact:	Can cause skin sensitisation. Wash with plenty of soap and cold water. If irritation persist seek medical advice and product label at hand.
Inhalation:	Unlikely to present an inhalation hazard. If breathing problems develop, seek medical advice, or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Advice for Medical Doctors:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

HAZCHEM code:	Not applicable
Specific Hazards:	None.
Suitable Extinguishing Media:	Use extinguishing media appropriate to the surrounding conditions.
Fire Fighting Advice:	Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely later.
Hazardous Products of Combustion:	No data for mixture. Bentazone sodium emits toxic fumes of sulphur oxides and nitrogen oxides.

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6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Use personal protective equipment. Avoid breathing mist, or spray. Ensure adequate ventilation. For personal protection see section 8.
Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	Low environmental hazard. Contain spill and collect.
Major Spills (more than 20 kg):	Minimise spread. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Collect in an appropriate sealable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid prolonged or repeated contact with skin and eye. Avoid inhaling mist or spray. When handling product in bulk, safety footwear should be worn, and proper handling equipment should be used. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking, or smoking. Clean equipment after use.
Conditions for safe Storage including incompatibilities:	Keep out of the reach of children. Store in original container in a cool, dry, ventilated place, away from direct heat of sunlight. Store away from foodstuffs, children, and animals. Minimum shelf life: 2 years.
Protection against fire and explosion:	Keep away from heat sources although the product has no flammability. The product is not explosive. Keep away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	No exposure standards apply to this product.
Engineering Controls:	No special requirements when used as recommended.

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Hand protection:	Wear chemical resistant gloves or disposable rubber gloves.
Eye protection:	Wear safety goggles or full-face shield to prevent spray.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	No special requirement when used as recommended.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed shoes and long-sleeved clothing is recommended. Minimise contact with the skin, eyes, and clothing. Store work clothing separately. Wash contaminated clothing before reuse.
Environmental Exposure Controls:	Minimise release to the environment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear amber liquid
Odour:	Mild sweet odour
Odour Threshold:	No data
pH Value:	6.0 - 9.0
Melting/freezing point:	No data
Boiling point (range):	No data
Flash Point:	Not applicable
Flammability:	Not applicable
Explosive limits:	No applicable
Vapour pressure:	No data
Vapour density:	No data
Relative density:	1.03 g/l

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Solubility:	Soluble in water
Partition coefficient:	No data
Auto-ignition temperature:	No data
Decomposition temperature:	No data
Viscosity:	No data

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Chemical/material Incompatibilities	Avoid strong oxidising agents.
Conditions to be avoid:	Avoid excessive heating.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

11. TOXICOLOGICAL INFORMATION

Hazard Classes	Eye Irrit. 2; Skin Sens. 1
Acute Toxicity:	This product does not present acute toxicity to mammals. Bentazone: Acute oral LD ₅₀ (rat) = 1400 mg/kg
Aspiration hazard	May cause irritation on inhalation of mist, gas, or vapour
Skin corrosion/irritation:	Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product
Serious eye damage/irritation:	Can cause serious eye irritation
Respiratory or skin sensitisation:	Can cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available

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Carcinogenicity:	IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen by IARC.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific organ toxicity – single exposure:	Not applicable
Specific organ toxicity – repeated exposure:	Not applicable
Narcotic effects:	No data available.

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

12. ECOTOXICITY INFORMATION

Ecological information of substance:	Designed for biocidal action. Bentazone-sodium: Rainbow trout, LC ₅₀ (96 hr) >100 mg/L Water Flea, EC ₅₀ (48 hr) 64mg/L
Bioaccumulation potential:	Low potential
Soil Toxicity and degradability:	Low toxicity to soil organisms. Soil DT ₅₀ (field) 7.5d
Mobility in soil	Moderate to high mobility potential, but rapidly degraded.

13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation:	Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017.
Container Disposal:	Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations. DO NOT reuse containers. DO NOT burn.

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Methods of disposal to avoid

Do not empty down stormwater system

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

UN Number:	Not applicable
UN Dangerous Goods Class:	No restriction for transport.
Hazchem Code:	Not applicable
UN Packaging Group:	Not applicable
UN Proper Shipping Name:	Not applicable
Segregation:	Not applicable

15. N.Z. REGULATORY INFORMATION

HSNO approval Number:	HSR000425
GHS Classifications:	Eye Irrit.2; Skin Sens.1
HSNO Controls:	Refer to HSR000425
Other Controls	Nil

16. OTHER INFORMATION

SDS date of preparation:	14 / 07 / 2022
SDS date of revision:	14 / 07 / 2027

All Safety Data Sheets are subject to review and should not be left longer than five years before and update is obtained.

For further information visit the Burnet's Horticulture Ltd web site, www.burnets.co.nz, or contact the supplier of the starting materials.

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The information in this document should be made available to all who may handle the product. For proper and safe use of this product, please refer to the product label.

This information is based on data believed by Burnet's Horticulture Ltd to be accurate at the time of writing. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Burnet's Horticulture Ltd and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

Abbreviations:

ADR:	European agreement concerning the international carriage of Dangerous goods by Road
CLP:	Classification Labelling and Packaging
EC:	European Commission
EU:	European Union
GHS:	Global Harmonized System
H Phrase:	Hazard Phrase
HSNO:	Hazardous Substances and New Organisms (1996) Act
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organisation
IMDG:	International Maritime Dangerous Goods
P Phrase:	Precautionary Phrase
RID:	Regulations concerning the International carriage of Dangerous good by rail
STEL:	Short-Term Exposure Limit
TLV:	Threshold Limit Value
TWA:	Time Weighted Average