

# SAFETY DATA SHEET

Product Name: **Lawn Weed Control Concentrate**

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## 1. PRODUCT AND COMPANY INFORMATION

<b>Chemical/Product Name:</b>	<b>Lawn Weed Control Concentrate</b>
Recommended uses:	Herbicide- 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:	<a href="mailto:enquiries@burnets.co.nz">enquiries@burnets.co.nz</a>
Website:	<a href="http://www.burnets.co.nz/">http://www.burnets.co.nz/</a>
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
Acute Tox. 4 (oral)	Not applicable for the UN RTDG Model Regulations		Warning	H302	P102 P103 P264 P270	P101 P301+P312 P330	No storage statements	P501
Eye Damage 1	Not applicable for the UN RTDG Model Regulations		Danger	H318	P103 P264 P280	P101 P305+P351+P338 P310	No storage statements	P501
STOT Rep. Exp. 2	Not applicable for the UN RTDG Model Regulations		Warning	H373	P103 P260	P314	No storage statements	P501
Aquatic Chronic 2			Warning	H411	P103 P273	P391	No storage statements	P501

Signal word:

DANGER

Dangerous Goods:

Dangerous Goods (Class 9)

Packaging Group:

III

GHS Codes:

Acute Toxicity Cat. 4 (Oral)

Eye Damage Cat. 1

Specific Target Organ Toxicity Repeated Exposure Cat. 2

Aquatic Chronic Cat. 2

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Pictograms:



Hazard Statement:

H302: Harmful if swallowed.

H318: Causes serious eye damage.

H373: May cause damage to kidney through prolonged or repeated exposure.

H411: Toxic to aquatic life with long lasting effects.

Hazardous to soil organisms.

Hazardous to terrestrial vertebrates.

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

P260: Do not breathe fumes/mist/spray

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

P273: Avoid release to the environment.

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

P310: Immediately call POISON CENTRE or doctor/physician.

P314: Get medical advice/attention if you feel unwell.

P330: Rinse mouth.

P391: Collect spillage

P301+P312: IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P501: Rinse container and dispose to landfill or recycling where allowed. Any appropriate and

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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: Amber liquid

### Ingredients

Ingredients	CAS #	Content %
Mecoprop (as dimethyl and potassium salt)	93-65-2	20%
MCPA (as dimethylamine and potassium salt)	94-74-6	5%
Dicamba	1918-00-9	0.6%
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).
Ingestion:	Rinse mouth, give 1 or 2 glasses of water. Seek immediate medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Eye Contact:	Causes serious eye damage. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call the NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.
Skin Contact:	Unlikely to cause skin irritation. Rinse skin with copious amounts of water and wash with soap and water. If you feel unwell seek medical advice.
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. If ingested considering giving a slurry or activated carbon in water.

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## 5. FIRE FIGHTING MEASURES

HAZCHEM code:	3Z
Specific Hazards:	None. Minimise the use of water to prevent environmental contamination.
Suitable Extinguishing Media:	Appropriate fire extinguishers are water mist or spray, foam. 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: Mecoprop emits CO <sub>2</sub> and HCl gas on combustion. MCPA emits HCl and N <sub>x</sub> O <sub>y</sub> gas on combustion. Dicamba emits toxic fumes of chlorine.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:	Use personal protective equipment. Avoid breathing vapours, mist, or gas. 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):	Avoid release to the environment. 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 in an approved landfill or incinerate at an authorised installation.

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## 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 drums, 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. Do not contaminate drains, sewers, or waterways. Do not eat drink or smoke while using this product.
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. Do not allow product to get wet in storage.  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:	Use spray application method to minimise contact.
Hand protection:	If repeated or prolonged contact wear chemical resistant gloves.
Eye protection:	If there is significant potential for contact, wear safety goggles or full-face shield.
Body protection:	Skin protection not ordinarily required beyond standard issue work clothes.
Respiratory Protection:	No special requirement when used as recommended.

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General safety and hygiene measures:

Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes, and clothing.

Environmental Exposure Controls:

Minimise release to the environment.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber liquid concentrate
Odour:	Mild amine odour
Odour Threshold:	No data
pH Value:	9.8
Melting/freezing point:	No data
Boiling point (range):	Approx. 100°C
Flash Point:	Will not flash
Flammability:	Not applicable
Explosive limits:	Not applicable
Vapour pressure:	No data
Vapour density:	No data
Relative density:	1.20g/mL
Solubility:	Soluble in water
Partition coefficient:	No data
Auto-ignition temperature:	Not applicable
Decomposition temperature:	No data
Viscosity:	No data

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## 10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use. Not explosive or oxidising.
Chemical/material Incompatibilities	Avoid open flames, sparks.
Conditions to be avoid:	Not corrosive to eyes or skin.
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

## 11. TOXICOLOGICAL INFORMATION

Hazard Classes	Acute Tox. 4 (oral); Eye Damage 1; STOT Rep. Exp. 2
Acute Toxicity:	No data for the mixture Mecoprop: Acute oral LD <sub>50</sub> = 650 mg/kg (rat). Acute dermal LD <sub>50</sub> = 900 mg/kg (rabbit) MCPA: Acute oral LD <sub>50</sub> = 700 mg/kg (rat). Acute dermal LD <sub>50</sub> > 1000 mg/kg (rat) Dicamba: Acute oral LD <sub>50</sub> = 1039 mg/kg (rat). Acute dermal LD <sub>50</sub> > 1000 mg/kg (rat)
Aspiration hazard	May cause irritation on inhalation of mist or vapour
Skin corrosion/irritation:	Unlikely to cause skin corrosion or irritation
Serious eye damage/irritation:	Can cause serious eye damage
Respiratory or skin sensitisation:	Unlikely to cause skin sensitisation and/or contact dermatitis
Germ cell mutagenicity:	No data available



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Carcinogenicity:	The product is not considered carcinogenic. The IARC considers that Mecoprop is a Group 2B – possible carcinogen to humans.
Reproductive toxicity:	This product is not expected to cause reproductive or developmental effects.
Specific organ toxicity – single exposure:	No data available
Specific organ toxicity – repeated exposure:	Kidney/liver
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:	Toxic to aquatic life with long lasting effects. Do not contaminate waterways, sewers, or drains when using product or packaging. Mecoprop: Fish, LC <sub>50</sub> (96 hr) 240 mg/L Water flea, NOEC (21 day) 22 mg/L MCPA: Rainbow trout, LC <sub>50</sub> (96 hr) >72mg/L Water flea, NOEC (21 day) 50mg/L Dicamba: Rainbow trout, LC <sub>50</sub> (96 hr) 135.4mg/L Water flea EC <sub>50</sub> (48hr) >41.0 mg/L
Bioaccumulation potential:	The product is not likely to bioaccumulate
Soil Toxicity and degradability:	Hazardous to soil organisms and terrestrial vertebrates.
Mobility in soil	Moderate to high mobility potential, but rapidly degraded.

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## 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
Methods of disposal to avoid	Do not empty down stormwater system

## 14. TRANSPORT INFORMATION

### Road, Rail; Marine and Air:

UN Number:	3082
UN Dangerous Goods Class:	Class 9
Hazchem Code:	3Z
UN Packaging Group:	III
UN Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, N.O.S
Segregation:	Food and Feed

## 15. N.Z. REGULATORY INFORMATION

HSNO approval Number:	HSR000364
GHS Classifications:	Acute Tox. 4 (Oral); Eye Damage 1; STOT RE. 2; Aquatic Chronic 2
HSNO Controls:	Refer to HSR000364
Other Controls	Stores containing more than 1000 litres require secondary containment, signage, and an emergency response plan.

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Contractors that apply product with other than hand-held equipment must be suitably qualified (Sch. 10; Hazardous Substances Hazard Properties Control Notice 2017).

## 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](http://www.burnets.co.nz), or contact the supplier of the starting materials.

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

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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