

# SAFETY DATA SHEET

Product Name: *LawnPro Turfclean Concentrate*

Print/View Date: 13/04/2026

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## 1. PRODUCT AND COMPANY INFORMATION

<b>Chemical/Product name:</b>	<b>LawnPro Turfclean Concentrate</b>
Recommended uses:	Herbicide.
Restrictions on use/supply:	The substance must not be applied directly into or onto water.
Molecular formula:	Mixture
Supplier:	Kiwicare Corporation Limited
Street address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	<a href="mailto:info@kiwicare.co.nz">info@kiwicare.co.nz</a>
Website:	<a href="http://www.kiwicare.co.nz">www.kiwicare.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 P264 P270	P301+P312 P330	No storage statements	P501
Eye Corr. 1	Not applicable for the UN RTDG Model Regulations		Danger	H318	P103 P280	P101 P305+P351+P338 P310	No storage statements	P501
STOT Rep. Exp. 2	Not applicable for the UN RTDG Model Regulations		Warning	H373	P260	P314	No storage statements	P501
Aquatic Acute 1			Warning	H400	P273	P391	No storage statements	P501
Aquatic Chronic 1			Warning	H410	P273	P391	No storage statements	P501

Signal word:

DANGER

Dangerous Goods:

Class 9.

Packaging Group:

III

Hazardous Substance (GHS) Codes:

Acute Toxicity (Oral) Cat. 4

Serious Eye Damage Cat. 1

Specific Target Organ Toxicity (repeated exposure) Cat 2.

Aquatic Acute Cat. 1

Aquatic Chronic Cat 1

Hazardous to soil organisms

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Hazardous to terrestrial invertebrates

Pictograms:



Hazard statements:

H302: Harmful if swallowed

H318: Causes serious eye damage

H373: Causes damage to liver and kidneys through prolonged or repeated oral exposure.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long-lasting effects.

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 mist or spray.

P264: Wash hands thoroughly after use.

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

P273: Avoid release to the environment.

P280: Wear protective gloves, clothing and eye protection

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

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 doctor.

P314: Get medical advice if you feel unwell.

P391: Collect spillage. Hazardous to the aquatic environment.

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: Pale brown liquid.

#### Ingredients

Ingredients	CAS #	Content %
Mecoprop-P	7085-19-0	16-17
MCPA	16484-77-8	4-5
Dicamba	1918-00-9	2-3
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:	Harmful if swallowed. Rinse mouth and drink 1-2 glasses of water or milk. Do NOT induce vomiting. If you feel unwell, call the NZ POISONS CENTRE or a doctor and 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 a doctor and have product label at hand.
Skin contact:	Unlikely to cause skin irritation. If skin irritation or rash occurs, get medical advice and have product label at hand.
Inhalation:	Unlikely to present an inhalation hazard. If breathing problems develop, get medical advice and have product label at hand.
Advice for medical doctors:	Treat symptomatically. This product is not an inhibitor of cholinesterase.

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## 5. FIRE FIGHTING MEASURES

HAZCHEM code:	2Y
Specific hazards:	None. Minimise the use of water to prevent environmental contamination.
Suitable extinguishing media:	Appropriate fire extinguishers are water, CO <sub>2</sub> , powder, or alcohol resistant foam. Use extinguishing media appropriate to the surrounding conditions.
Firefighting Advice:	Firefighters 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:	Carbon oxides (CO, CO <sub>2</sub> ), Nitrogen oxides (N <sub>x</sub> O <sub>y</sub> ), Hydrogen chloride gas (HCl), and Ammonia.

## 6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Very toxic to the aquatic environment. Prevent leakage or spillage if safe to do so.
Minor spills (up to 20 kg):	Wear protective clothing. Contain spill and collect. Do not allow product or washings to enter the waterways or sewer.
Major spills (more than 20 kg):	Wear protective clothing. Clear area of unprotected personnel. Minimise spread. Contain spill and collect in an appropriate sealable container for disposal in an approved landfill.  Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority.

## 7. HANDLING AND STORAGE

Precautions for safe handling:	Avoid contact with skin and eyes. Avoid inhaling mist or spray. When handling product in bulk, safety footwear should be worn, and proper handling
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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.

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:

See 'Exposure Standards' below (Workplace Exposure Standards and Biological Exposure April 2022, Edition 13).

Engineering controls:

Use in a well-ventilated area with local exhaust.

Hand protection:

Wear chemical resistant gloves.

Eye protection:

Wear eye protection or face shield.

Body protection:

Skin protection not ordinarily required beyond standard issue work clothes.

Respiratory protection:

No special requirements when used as recommended.

General safety and hygiene measures:

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

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Environmental exposure controls: Avoid release to the environment. For bulk storage, an environmental assessment must be made to ensure compliance with local environmental legislation.

## Additional NZ EPA controls:

Code	Section of HSNO Act	Control
Water	77A	Do not apply directly into or onto water.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Pale brown, low viscosity liquid

Odour: Octanol odour

Odour threshold: No data

pH value: 9.0 – 11.0

Melting/freezing point: No data

Boiling point (range): >100 °C

Flash Point: >93°C

Flammability: Not applicable.

Explosive limits: Not applicable.

Vapour pressure: No data

Vapour density: No data

Relative density: 1050 – 1070 g/l

Solubility: Soluble.

Partition coefficient: No data

Auto-ignition temperature: Not applicable.

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Decomposition temperature: No data

Viscosity: No data

## 10. STABILITY AND REACTIVITY

Stability & chemical reactivity: Stable under normal conditions of use. Not explosive or oxidising.

Incompatibility or conditions to be avoided: Avoid strong oxidising agents.

Corrosive properties: Corrosive to eyes.

Thermal decomposition: Hazardous products of combustion; see section 5 for details.

## 11. TOXICOLOGICAL INFORMATION

Hazard Class: Acute Toxicity (Oral) Cat. 4  
Serious Eye Damage Cat. 1  
Specific Target Organ Toxicity (repeated exposure) Cat 2.  
Aquatic Acute Cat. 1  
Aquatic Chronic Cat 1  
Hazardous to soil organisms  
Hazardous to terrestrial invertebrates

Acute toxicity: Mecoprop-p:  
Acute oral LD<sub>50</sub> = 1166 mg/kg (rat)  
Acute dermal LD<sub>50</sub> >4000 mg/kg (rat)

MCPA:  
Acute oral LD<sub>50</sub> = 431 mg/kg (rat)  
Acute dermal LD<sub>50</sub> >2000 mg/kg (rat)

Dicamba:  
Acute oral LD<sub>50</sub> = 1465 mg/kg (rat)  
Acute dermal LD<sub>50</sub> 2000 mg/kg (rat)

Aspiration hazard: Unlikely to be an aspiration hazard.

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Skin corrosion/irritation:	May cause mild skin corrosion/irritation.
Serious eye damage/irritation:	Causes serious eye damage/irritation.
Respiratory or skin sensitisation:	May cause irritation on inhalation of mist, gas, or vapour.
Germ cell mutagenicity:	No data available
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:	No data available.
Specific organ toxicity – repeated exposure:	May cause damage to liver or kidneys through prolonged or repeated oral exposure.
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:	Very toxic to aquatic life with short-term and long-lasting effects. Hazardous to soil organisms and terrestrial invertebrates. Do not contaminate waterways, sewers, or drains when using product or packaging.
	Mecoprop-p: Rainbow trout, LC <sub>50</sub> (96 hr) = 240 mg/L Water flea, EC <sub>50</sub> (48 hr) = 200 mg/L
	MCPA: Rainbow trout, LC <sub>50</sub> (96 hr) = 93 mg/L Water flea, EC <sub>50</sub> (48 hr) = 91 mg/L

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Dicamba:

Rainbow trout, LC<sub>50</sub> (96 hr) = 28 mg/L

Water flea, EC<sub>50</sub> (48 hr) = 41 mg/L

Bioaccumulation:

BCF <1. Not likely to bioaccumulate.

Soil toxicity:

No soil toxicity. Half-life 2-24 days

## 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:

UN 3082

Dangerous Goods Class:

Class 9

Hazchem Code:

2Y

Packaging Group:

III

Proper Shipping Name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID N.O.S.

Segregation:

Avoid corrosive alkalis and toxic cyanides.

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## 15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000362
GHS Classifications:	Acute Toxicity (Oral) Cat. 4 Serious Eye Damage Cat. 1 Specific Target Organ Toxicity (repeated exposure) Cat 2. Aquatic Acute Cat. 1 Aquatic Chronic Cat 1 Hazardous to soil organisms Hazardous to terrestrial invertebrates
HSNO controls:	Refer to HSR000362
ACVM Approval Code:	Not applicable
Additional controls:	Certified Handler not required. Tracking not required. Emergency response plan and secondary containment required if >100 litres present on site.

## 16. OTHER INFORMATION

SDS date of preparation: 16 / 09 / 2026

SDS date of revision: 16 / 09 / 2031

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 Kiwicare web site, [www.kiwicare.co.nz](http://www.kiwicare.co.nz) or contact the supplier of the starting material.

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 Kiwicare Corporation Limited 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.

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The logo for KIWICARE, featuring the word "KIWICARE" in white, bold, uppercase letters on a black, rounded rectangular background.

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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 Kiwicare Corporation Limited 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

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