

Infosafe No™ 3NU8G	Issue Date : March 2024	ISSUED by NUFARMNZ
Product Name <b>TRIMEC®</b>		

## Section 1 - Identification

<b>Product Identifier</b>	TRIMEC®
<b>Product Code</b>	00629
<b>Product Type</b>	Herbicide
<b>Company Name</b>	Nufarm NZ
<b>Address</b>	Central Park, Building 3, Level 4, 666 Great South Road Ellerslie Auckland 1051 New Zealand
<b>Telephone/Fax Number</b>	Tel: 0-9-270 4150
<b>Emergency Phone Number</b>	0800 651 911
<b>Email</b>	nzinfo@nufarm.com
<b>Recommended uses and any restrictions on use or supply</b>	A selective herbicide for the control of a wide range of broadleaf weeds in wheat, barley, oats and ryegrass seed crops.
<b>Other Information</b>	This SDS describes, to the best of our knowledge, the properties of the concentrated product. The physical properties and some of the assessments do not apply to the properties of the product once it has been diluted for application. Acute health effects of the diluted product are likely to be much less severe.

## Section 2 - Hazard(s) Identification

<b>GHS classification of the substance/mixture</b>	Acute oral toxicity: Category 4 Serious eye damage Category 1 Specific target organ toxicity - repeated exposure: Category 1 Hazardous to the terrestrial environment: Hazardous to soil organisms Hazardous to the terrestrial environment: Hazardous to terrestrial vertebrates Hazardous to the aquatic environment acute Category 1 Hazardous to the aquatic environment chronic Category 1
<b>Signal Word (s)</b>	DANGER
<b>Hazard Statement (s)</b>	H302 Harmful if swallowed. H312 Harmful in contact with skin. H332 Harmful if inhaled. H313 May be harmful in contact with skin. H316 Causes mild skin irritation. H370 Causes damage to organs. H372 Causes damage to liver or kidneys through prolonged or repeated exposure. H318 Causes serious eye damage. H410 Very toxic to aquatic life with long lasting effects. H421 Very toxic to the soil environment. H433 Harmful to terrestrial vertebrates.
<b>Precautionary Statement – General</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read carefully and follow all instructions.
<b>Pictogram (s)</b>	Health hazard, Corrosion, Environment



<b>Precautionary Statement – Prevention</b>	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash hands and face thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face
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**Precautionary Statement – Response**

protection/hearing protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 Rinse mouth. Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
P363 Wash contaminated clothing before reuse.  
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P332+P313 If skin irritation occurs: Get medical advice/attention.  
P314 Get Medical advice/attention 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.  
P310 Immediately call a POISON CENTER or doctor/physician.  
P391 Collect spillage.

**Precautionary Statement – Disposal**

P501 Dispose of contents/container only by using according to the label, or at an appropriate landfill.

### Section 3 - Composition and Information on Ingredients

<b>Chemical Characterization</b>	Liquid		
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Mecoprop	7085-19-0	600 g/L
	MCPA	94-74-6	150 g/L
	Dicamba	1918-00-9	18.7 g/L

### Section 4 - First Aid Measures

**First-aid Measures** For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. Begin artificial respiration if the victim is not breathing. Use mouth-to-nose rather than mouth-to-mouth. Obtain medical attention.

**Inhalation** Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.

**Ingestion** Never give anything by mouth to an unconscious person. If swallowed do NOT induce vomiting. For advice, contact the National Poisons Centre (0800 764 766). Seek medical assistance immediately.

**Skin** Immediately flush body and clothes with large amounts of water. Remove contaminated clothing and footwear. Wash affected areas with soap and water. If a large area is affected seek medical assistance. Do not scrub the skin.

**Eye** Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Remove contact lenses, if present and easy to do. Seek medical assistance.

**First-aid Facilities** Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

**Advice to Doctor** Treat symptomatically.

### Section 5 - Firefighting Measures

**Suitable Extinguishing Media** Water fog, foam, carbon dioxide or dry chemical.

**Hazards from Combustion Products** On burning will emit toxic fumes.

**Special protective equipment for fire-fighters** Full protective clothing and self-contained breathing apparatus.

**Specific Methods** Keep up wind. Do not allow washings to reach sewage or effluent systems.

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<b>Specific hazards arising from the chemical</b>	Considered low risk due to water content, however upon evaporation of water the product is combustible.
<b>Hazchem Code</b>	2Z
<b>Decomposition Temperature</b>	Information is not available.
<b>Other Information</b>	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

## Section 6 - Accidental Release Measures

<b>Spills and Disposal</b>	Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with sand, soil or absorbent granules. If spill does enter waterways contact the local authority. Collect in an appropriate sealable container for disposal in an approved landfill.
<b>Personal Protection</b>	For appropriate personal protective equipment (PPE), refer Section 8.
<b>Environmental Precautions</b>	Prevent from entering drains, waterways or sewers.

## Section 7 - Handling and Storage

<b>Precautions for Safe Handling</b>	Do not handle until all safety precautions have been read and understood. The person mixing or applying this product must be a 'Qualified Contractor' or a 'Qualified Person'. The spray mixture may also be prepared by a 'Qualified Loader'. For more information refer to the Hazardous Substances (Hazardous Property Controls) Notice 2017. It is the duty of the PCBU that a person who uses, handles, manufactures or stores a hazardous substance (including hazardous waste) is provided information, instruction and training in accordance with Regulation 4.5 of the Health and Safety at work (Hazardous Substances) Regulations 2017. Avoid skin and eye contact and inhalation of spray mist. BEWARE: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. CERTIFIED HANDLER: Is not required. TRACKING: Is not required. RECORD KEEPING: Records, as described in the NZS 8409 Management of Agrichemicals, must be kept whenever TRIMEC is used.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original container tightly closed and in a locked dry, cool area away from foodstuffs, fertilisers and seeds. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Stores containing 100L of TRIMEC require secondary containment and are subject to signage, and more than 100L require emergency response plans. Keep out of reach of children.
<b>Corrosiveness</b>	Mecoprop technical is corrosive to metals in the presence of moisture.
<b>Other Information</b>	Always read the label and any attached leaflet before use. Aggregate Storage Volume Thresholds: When stored with substances of the same hazard classification the aggregate quantity must be considered. For full details refer to the current NZS8409 Management of Agrichemicals and the HSNO Regulations.

## Section 8 - Exposure Controls and Personal Protection

<b>Occupational Exposure Limits (OEL)</b>	No exposure limits (WES, TEL or EEL's) have been specifically assigned for this product.
<b>Appropriate Engineering Controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Personal Protective Equipment</b>	When opening the container, preparing spray and using the prepared spray wear safety goggles, waterproof gloves, cotton overalls buttoned to the neck and wrist, and boots.

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**Hygiene Measures** Do not eat, drink or smoke while using.  
Remove protective clothing and wash hands and face thoroughly before meals and after work. Wash protective clothing daily after work.

## Section 9 - Physical and Chemical Properties

<b>Form</b>	Liquid
<b>Appearance</b>	Dark brown liquid
<b>Odour</b>	Phenolic odour
<b>Decomposition Temperature</b>	Information is not available.
<b>Solubility in Water</b>	Soluble
<b>Specific Gravity</b>	1.27
<b>pH</b>	8.5 - 11.0
<b>Vapour Pressure</b>	Information is not available.
<b>Vapour Density (Air=1)</b>	Information is not available.
<b>Odour Threshold</b>	Information is not available.
<b>Partition Coefficient: n-octanol/water</b>	Kow logP Mecoprop-P = 0.02 (pH 7) MCPA = -0.71 (pH 7) Dicamba = -1.88 (pH 6.8)
<b>Flash Point</b>	Information is not available.
<b>Flammability</b>	Not flammable
<b>Auto-ignition Temperature</b>	Information is not available.
<b>Flammable Limits - Lower</b>	Information is not available.
<b>Flammable Limits - Upper</b>	Information is not available.
<b>Initial Boiling Point and Boiling Range</b>	Information is not available.
<b>Kinematic Viscosity</b>	Information is not available.
<b>Particle Characteristics</b>	Information is not available.
<b>Relative Density</b>	Information is not available.
<b>Melting/Freezing Point</b>	Information is not available.
<b>Other Information</b>	(SL) Soluble concentrate

## Section 10 - Stability and Reactivity

<b>Chemical Stability</b>	Stable under normal conditions of handling and storage.
<b>Conditions to Avoid</b>	Avoid strong acid or alkali. Avoid oxidising agents. Under adverse conditions, the concentrate may react strongly with powerful oxidising agents.
<b>Incompatible Materials</b>	Corrosive to iron. Reaction of the concentrate or spray mix with acids will precipitate solid actives and largely de-activate the product and cause blockages in spray equipment.

## Section 11 - Toxicological Information

<b>Toxicology Information</b>	No specific toxicological data is available for this product. Data below is for constituents.
<b>Acute Toxicity - Oral</b>	LD50 (rat) 930-1166 mg/kg for Mecoprop LD50 (rat) 962-1470 mg/kg for MCPA

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<b>Acute Toxicity - Inhalation</b>	LD50 (rat) 1707 mg/kg for Dicamba LC50 (rat) (4hr) >12.5 mg/l for mecoprop LC50 (male rat) (4hr) 4.46 mg/l for dicamba
<b>Acute Toxicity - Dermal</b>	LD50 (rabbit) 900 mg/kg for mecoprop
<b>Ingestion</b>	Harmful if swallowed.
<b>Inhalation</b>	Harmful by inhalation. May cause sensitisation by repeated inhalation.
<b>Skin</b>	May cause mild skin irritation.
<b>Corrosion/Irritation</b>	
<b>Serious Eye Damage/Irritation</b>	This product is corrosive and causes serious eye damage.
<b>Respiratory Sensitisation</b>	Information is not available.
<b>Skin Sensitisation</b>	Information is not available.
<b>Germ Cell Mutagenicity</b>	Information is not available.
<b>Carcinogenicity</b>	Information is not available.
<b>Reproductive Toxicity</b>	Information is not available.
<b>STOT - Single Exposure</b>	Information is not available.
<b>STOT - Repeated Exposure</b>	May cause liver or kidney damage from repeated oral or inhalation exposure at high doses.
<b>Aspiration Hazard</b>	Information is not available.
<b>Other Information</b>	MCPA: Animal tests have shown the liver and kidneys to be adversely affected after prolonged administration of large doses of MCPA. Repeated or prolonged administration of MCPA may result in an increased susceptibility to infection. No teratogenic nor carcinogenic activity has been detected. Dicamba: Rats and dogs administered 25mg/kg/bw of dicamba for 2 years produced no observable effects on survival, body weight, food consumption, organ weights, blood or tissue changes. Dicamba in a three-generation reproduction study in rats did not affect reproduction.

## Section 12 - Ecological Information

<b>Persistence and Degradability</b>	Dicamba is not readily biodegradable.
<b>Mobility</b>	Mecoprop: Soil DT50 = 7-13 days MCPA: Soil DT50 = < 7 days after initial lag phase. Dicamba: Soil DT50 = < 14 days.
<b>Bioaccumulative Potential</b>	Risk of bioaccumulation in an aquatic species is low.
<b>Other Adverse Effects</b>	Dicamba: May cause long-term adverse effects in the aquatic environment.
<b>Acute Toxicity - Fish</b>	Mecoprop: LC50 (96h) Rainbow trout = 150-240mg/L, Bluegill sunfish = >100mg/L MCPA: LC50 (96h) Rainbow trout = 232mg/L Dicamba: LC50 (96h) Bluegill sunfish = 135mg/L
<b>Acute Toxicity - Daphnia</b>	Mecoprop: EC50 (48h) Daphnia magna = 420mg/L Dicamba: EC50 (48h) Daphnia magna = 120.7mg/L
<b>Acute Toxicity - Algae</b>	MCPA: EC50 (96h) Navicula pelliculosa (Algae) 0.21mg/L Dicamba: EC50 (5d) Blue-green algae 0.061mg/L
<b>Acute Toxicity - Other Organisms</b>	Mecoprop: Oral LD50 Bobwhite quail 500-1000mg/kg Oral LD50 Bee >0.01mg/bee (not toxic to bees) Contact LD50 Bee >0.10mg/bee MCPA:

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Oral LD50 Bobwhite quail 377mg/kg  
 Oral LD50 Bee >0.02mg/bee  
 Dicamba:  
 Oral LD50 Mallard duck 1373mg/kg  
 Oral LD50 Bee >0.1mg/kg (Not toxic to bees)

## Section 13 - Disposal Considerations

**Product Disposal** Dispose of product only by using according to the label, or at an approved landfill.  
**Container Disposal** Triple rinse empty container and add rinsate to spray tank. Recycle empty container. Otherwise crush and bury in a suitable landfill.

## Section 14 - Transport Information

**Transport Information** It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.  
**UN Number** 3082  
**Proper Shipping Name** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (MCPA, dicamba)  
**Hazard Class** 9  
**Hazchem Code** 2Z  
**Packaging Method** -  
**Packing Group** III  
**EPG Number** -  
**IERG Number** 47  
**IMO Marine Pollutant** Yes. Environmentally Hazardous Substance mark required.  
**IMDG EMS** F-A, S-F  
**Other Information** Do not carry this product on a passenger service vehicle.  
 Segregation: Check the latest Land Transport Rule Dangerous Goods Rule 45001 for additional information. Sea transport may require additional segregation. Refer NZS5433 sea segregation for details.

## Section 15 - Regulatory Information

**National and or International Regulatory Information** Registered pursuant to the ACVM Act 1997, No. P3253  
 See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.  
 Approved pursuant to the HSNO Act 1996, Approval Code HSR000348  
 See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.  
**Packaging and Labelling** DANGER  
 Keep out of reach of children  
 Read label before use

## Section 16 - Any Other Relevant Information

**Date of preparation or last revision of SDS** March 2019.  
**Contact Person/Point** IN AN EMERGENCY, DIAL 111 - FIRE OR POLICE  
 24Hr Tollfree Emergency No: 0800 651 911  
 24Hr Emergency No: National Poisons Centre Phone: 0800 764 766  
**Revisions Highlighted** 5 yearly review carried out. Various changes and updates made to the document to comply with GHS7.  
 ...End Of MSDS...



# Material Safety Data Sheet

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