

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER:

Product Name:	Tui Lawn Force Prickle Kill & Lawn Feed RTU
Recommended Use:	For the control of prickle and broadleaf weeds in home lawns.
Company:	Evergreen Garden Care New Zealand Limited
Address:	Mount Maunganui, New Zealand
Telephone Number:	+64 7 5752160
Emergency Telephone Numbers:	0800 CHEMCALL (0800 243 622) 24 hours 0800 POISON (0800 764 766) National Poisons Centre 111 – New Zealand Fire Service
Date of Preparation:	May 2020

2. HAZARDS IDENTIFICATION:

Dangerous Goods:	Not classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.
Hazardous Substance (HSNO):	Classified as hazardous according to criteria in the HS (Minimum Degree of Hazard) Regulations 2001.
HSNO Hazard Classifications:	6.3B, 6.4A, 6.9B, 9.1C, 9.2B, 9.3C.
Signal Word:	Warning
Hazard Statements:	Causes mild skin irritation Causes serious eye irritation May causes damage to organs through prolonged or repeated exposure Harmful to aquatic life with long lasting effects Toxic to the soil environment. Harmful to terrestrial vertebrates.
Prevention Statements:	Keep out of reach of children. Read label before use. Read Safety Data Sheet before use. Do not breathe mist/vapours/spray. Wash hands, arms, face, and exposed skin thoroughly after handling Wear protective clothing. Wear protective gloves. Wear eye/face protection. Wear respiratory protection.
Response Statements:	If medical advice is needed, have product container or label at hand. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention. Get medical advice/attention if you feel unwell. If skin irritation occurs: get medical advice/attention. Collect Spillage

3. COMPOSITION/INFORMATION ON INGREDIENTS:

COMPONENT	CONCENTRATION (% Weight)	CAS NUMBER
MCPA as an amine salt	1.5%	2039-46-5
Dicamba as an amine salt	0.1% – 0.2%	2300-66-5
Other non-hazardous components	Remainder to 100%.	-

4. FIRST AID MEASURES:

For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor/physician.

Inhalation:	Remove to fresh air while avoiding becoming a casualty. Remove contaminated clothing and loosen remaining clothing, keep at rest in a comfortable position and keep warm. Call a POISON CENTRE or doctor/physician if you feel unwell or effects persist.
Ingestion:	If swallowed, Do NOT induce vomiting. Rinse mouth with water. Seek medical attention.
Eye Contact:	If in eyes, hold eyelids apart and immediately flush with cold water. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Contact a doctor.
Skin Contact:	If on skin, wash the skin well with plenty of water and soap whilst removing contaminated clothing. If skin irritation occurs seek medical advice. Wash contaminated clothing before re-use.
Notes to Physician:	Treat symptomatically.

5. FIRE FIGHTING MEASURES:

Suitable Extinguishing Media:	If material is involved in a fire use: use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
Precautions for fire fighters and special protective clothing:	Fire fighters to wear self-contained breathing apparatus and suitable protective clothing.
Hazards from combustion products:	Approach fire from upwind to avoid hazardous vapours and toxic decomposition products.
HAZCHEM CODE:	None allocated

6. ACCIDENTAL RELEASE MEASURES:

Emergency Procedures:	Isolate area. Keep unnecessary and unprotected personal from entering the area. If contamination of sewers or waterways has occurred advise local emergency services.
Personal Precautions, Protective Equipment and Emergency Procedures:	Refer to SDS section 7 for handling and precautionary measures. Refer to SDS section 8 for additional information and personal protection equipment to prevent contamination of skin, eyes and personal clothing.
Environmental Precautions:	Contain spillage - prevent from entering soil, ditches, sewers, waterways and/or groundwater.
Methods and Materials for Containment and Clean up:	Stop leak when safe to do so. Dike the area by bunding and covering of drains to prevent entry into waterways and drains. Absorb with a proprietary absorbent suitable for chemical spills or inert material such as sand or soil. Collect spilled product and place in properly labelled sealable container for disposal. Any spill residue washings should be placed in properly labelled sealable container for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

7. HANDLING & STORAGE:**Precautions for safe handling and storage:**

Handling:	<p>Keep out of reach of children.</p> <p>Avoid skin and eye contact and breathing in vapours, mists and spray.</p> <p>After work, remove protective clothing and equipment, wash hands before eating, drinking, and chewing gum, using tobacco or using the toilet.</p> <p>Clean up spilled material immediately and wash clothing, equipment and work area after use.</p>
Storage:	<p>Store in a tightly closed original container in a cool, dry, well-ventilated area out of direct sunlight. Store away from children, animals, food, feedstuffs, drink containers, fertilisers and seeds.</p> <p>Keep containers closed when not in use and check regularly for leaks.</p>

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Occupational Exposure Limits:	No ADE, PDE or TEL values are set by EPA for this substance at this time. No WES values are set by EPA for this substance at this time.
Engineering Controls:	Ensure ventilation is adequate to maintain air concentrations below exposure standards. Keep containers closed when not in use.
Personal Protective Equipment:	<p>Avoid contact with eyes, skin and breathing in vapours, mist and spray.</p> <p>Respiratory Protection: Use only outdoors with adequate ventilation, atmospheric levels should be maintained below the exposure guidelines. When respiratory protection is required use an approved mask.</p> <p>Skin protection: Use chemical resistant gloves when mixing or using. Wear waterproof boots and overalls buttoned to the neck and wrist. Wash hands, arms face and exposed skin thoroughly after use. Wash protective clothing thoroughly before storage or reuse.</p> <p>Eye protection: When mixing or applying wear approved eye/face protection and avoid eye contact.</p>

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Yellowish transparent liquid
Odour:	Mild ammonia type smell
pH:	7 - 9.
Boiling Point (°C):	>100°C
Solubility in water:	Soluble
Density (g/ml):	Approximately 1.05.
Flash point (°C):	Not available.
Upper Explosive Limit:	Not available.
Lower Explosive Limit:	Not available.
Auto Ignition Temperature (°C):	Not available.

10. STABILITY and REACTIVITY:

Chemical Stability:	Stable under normal conditions of use.
Conditions to avoid:	Elevated temperatures, sources of ignition and oxidising agents.
Incompatible materials:	Incompatible with oxidising agents.
Hazardous decomposition products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous Reactions:	None known.

11. TOXICOLOGICAL INFORMATION:

Potential Health Effects: This section includes possible adverse effects, which could occur if the product is not handled in the recommended manner.

Eye Contact:	An eye irritant.
Skin Contact:	Contact with skin can result in mild irritation.
Ingestion:	Swallowing can result in nausea, vomiting and gastrointestinal irritation.
Specific target Organ Toxicity:	May causes damage to organs through prolonged or repeated exposure

12. ECOLOGICAL INFORMATION:

Ecotoxicity:	Avoid contamination of natural waterways and fishponds. Do not allow spray to drift onto aquatic environments, other crops or desirable plants outside the target area. Keep children, pets, wildlife and birds off treated areas until the spray is dry. Harmful to aquatic life with long lasting effects. Toxic to the soil environment. Harmful to terrestrial vertebrates.
---------------------	---

13. DISPOSAL CONSIDERATIONS:

Disposal methods:	Dispose of this product by using in accordance with the product label directions. Do not dispose of this product; spray mix or equipment cleaning water down drains or sewers. Container disposal – Dispose of empty container by wrapping in paper, placing in plastic bag and putting in garbage. If wastes and/or containers cannot be disposed of according to the product label directions, disposal of this material must be in accordance with your local area regulatory authorities following all applicable regional, national and local laws and regulations. Some local authorities offer hazardous waste collection, contact your local council for details.
--------------------------	---

14. TRANSPORT INFORMATION:

Not classified as a Dangerous Good according to NZS 5433:2012 Transport of Dangerous Goods on Land.

15. REGULATORY INFORMATION:

HSNO New Zealand Approval Code:	HSR000359.
--	------------

16. OTHER INFORMATION:

Date of preparation of SDS: May 2020.

Abbreviations in SDS:

- EPA:** The Environmental Protection Authority of New Zealand.
- ADE:** Acceptable daily exposure values set by EPA.
- PDE:** Potential daily exposure values set by EPA.
- pH:** A measurement of how acidic or alkaline a material is using a scale of 1 -14. pH 1 is strongly acidic, pH 14 is strongly alkaline.
- TEL:** Tolerable exposure limit set by EPA.
- WES:** Workplace exposure standard set by EPA or NZ Dept. of Labour Health & Safety.

DISCLAIMER:

This Safety Data Sheet is provided by Evergreen Garden Care New Zealand Limited and is given in good faith based on the best knowledge and the experience of the company at the time of issuing. This product must be used strictly as directed. To the maximum extent permitted by law Evergreen Garden Care New Zealand Limited, its officers, employees, agents, distributors and retailers shall have no liability to any purchaser or user of this product, or any other person, for any loss, damage or injury (including personal injury) arising out of the use or storage of this product otherwise than in accordance with the directions for use and storage.

----- End of SDS -----