

Product name: T-Max®**Issue Date:** 03.02.2026

CORTEVA AGRISCIENCE NEW ZEALAND LIMITED encourages you and expects you to read and understand the entire SDS as there is important information throughout the document. This SDS provides users with information relating to the protection of human health and safety at the workplace, protection of the environment and supports emergency response. Product users and applicators should primarily refer to the product label attached to or accompanying the product container.

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: T-Max®**Identified uses:** End use herbicide product**COMPANY IDENTIFICATION**

CORTEVA AGRISCIENCE NEW ZEALAND LIMITED
Private Bag 2017
NEW PLYMOUTH 4342
NEW ZEALAND

Customer Information Number:

0800-803-939

NZCustomerservice@corteva.com**EMERGENCY TELEPHONE NUMBER****24-Hour Emergency Contact:** +64 6 751 2407**Local Emergency Contact:** 0800 844 455**For medical advice, contact the New Zealand Poisons Information Centre:**

0800 POISON (0800 764 766)

Transport Emergency Only Dial: 111

This SDS may not provide exhaustive guidance for all the controls assigned to this substance. The NZ EPA website www.epa.govt.nz should be consulted for a full list of triggered controls and cited regulations.

2. HAZARDS IDENTIFICATION

Hazard classification

NEW ZEALAND HAZARDOUS SUBSTANCES CLASSIFICATION: Classified as hazardous according to criteria in the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Notice 2017, and the Hazardous Substances (Classification) Notice 2017. Refer to Section 15 for EPA Approval Number.

GHS classifications:

Ecotoxic to soil environment

Hazardous to the aquatic environment - chronic – Category 2



Signal word: **WARNING!**

Hazard statements

Toxic to aquatic life with long lasting effects
Very toxic to the soil environment

Prevention

Read label before use
Avoid release to the environment.

Response

Collect spillage.

Storage

Store locked up.

Disposal

Dispose of contents/ container to an approved waste disposal plant.

3. COMPOSITION

Component	CASRN	Concentration (% w/w)
Aminopyralid Triisopropanolamine salt	566191-89-7	5 - 10 %

4. FIRST AID MEASURES

Consult the National Poisons Information Centre (0800 POISON (0800 764 766)) or a doctor in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur seek medical attention immediately.

Description of first aid measures

General advice: First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists refer to Section 8 for specific personal protective equipment.

Inhalation: Move person to fresh air. If person is not breathing, call an emergency responder or ambulance, then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask etc). Call a poison control center or doctor for treatment advice.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Eye contact: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Ingestion: No emergency medical treatment necessary.

Most important symptoms and effects, both acute and delayed: None known.

Indication of any immediate medical attention and special treatment needed

Notes to physician: No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Have the Safety Data Sheet, and if available, the product container or label with you when calling a poison control center or doctor or going for treatment.

5. FIREFIGHTING MEASURES

Hazchem Code: •3Z

Suitable extinguishing media: Water fog, carbon dioxide, dry chemical or alcohol resistant foam.

Unsuitable extinguishing media: None known

Special hazards arising from the substance or mixture

Hazardous combustion products: Under fire conditions some components of this product may decompose. Exposure to combustion products may be a hazard to health. The smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to Carbon oxides, Nitrogen oxides, Hydrogen chloride gas.

Unusual Fire and Explosion Hazards: This material will not burn until the water has evaporated. Residue can burn.

Advice for firefighters

Fire Fighting Procedures: Evacuate area. Remove undamaged containers from fire area if it is safe to do so. Use water spray to cool unopened containers. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes fire-fighting helmet, coat, trousers, boots, and gloves).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Use appropriate safety equipment. For additional information, refer to Section 8: Exposure Controls and Personal Protection.

Environmental precautions: Discharge into the environment must be avoided. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Local authorities should be advised if significant spillages cannot be contained. Retain and dispose of contaminated wash water. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up:

Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in. Contain spilled material if possible. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped,

recovered material should be stored in a vented container. The vent must prevent the ingress of water as further reaction with spilled materials can take place which could lead to over pressurisation of the container. See Section 13: Disposal Considerations, for additional information.

7. HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid contact with eyes, skin, and clothing. Do not breathe vapour or mist. Smoking, eating and drinking should be prohibited in the application area. Wash thoroughly after handling. Use with adequate ventilation. See Section 8: Exposure Controls and Personal Protection.

Conditions for safe storage: Store in a dry place. Store in original container. Keep container tightly closed when not in use. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in properly labelled containers. Store in accordance with the particular national regulations.

This substance is subject to a requirement for an emergency management plan, secondary containment and signage, whenever it is held in quantities of 1,000 L or more, either alone or in aggregate with other hazardous substances. See Hazardous Substances Emergency Management and Identification Regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits are listed below, if they exist:

Component	Regulation	Type of listing	Value/Notation
Aminopyralid	Dow IHG	TWA	10 mg/m ³
Picloram	ACGIH	TWA	10 mg/m ³
	NZ OEL	WES -TWA	10 mg/m ³

RECOMMENDATIONS IN THIS SECTION ARE FOR MANUFACTURING, COMMERCIAL BLENDING AND PACKAGING WORKERS. APPLICATORS AND HANDLERS SHOULD SEE THE PRODUCT LABEL FOR PROPER PERSONAL PROTECTIVE EQUIPMENT AND CLOTHING.

Exposure controls

Engineering controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

Individual protection measures

Eye/face protection: Use safety glasses (with side shields).

Skin protection

Hand protection: Chemical protective gloves should not be needed when handling this material. Consistent with general hygienic practice for any material, skin contact should be minimized.

Other protection: No precautions other than clean body-covering clothing should be needed.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions no

respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.

Other Information: Selection and use of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian/New Zealand Standards, including:

AS/NZS 1336: Eye and Face protection - Guidelines.

AS/NZS 1337: Personal eye protection - Eye and face protectors for occupational applications.

AS/NZS 1715: Selection, use and maintenance of respiratory protective equipment.

AS/NZS 2161: Occupational protective gloves.

AS/NZS 2210: Occupational protective footwear.

AS/NZS 4501: Occupational protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance - Physical state	Liquid.
- Colour	Blue
Odour	Mild.
Odour Threshold	No odour information provided
pH - 1% aqueous	6.0 – 8.0
Melting point/range	Not applicable
Freezing point	No data available
Boiling point (760 mmHg)	No data available
Flash point - closed cup	> 100 °C
Evaporation Rate (Butyl Acetate = 1)	No data available
Flammability (solid, gas)	Not applicable
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour Pressure	9.5 x 10 ⁻⁹ Pa at 20 ^o c (Aminopyralid).
Relative Vapour Density (air = 1)	Not applicable
Relative Density (water = 1)	1.016 at 20 ^o c
Water solubility	Soluble.
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Dynamic Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Reactivity: Not classified as a reactivity hazard.

Chemical stability: No decomposition if stored and applied as directed. Stable under normal conditions.

Possibility of hazardous reactions: Stable under recommended storage conditions. No hazards to be specially mentioned.

Conditions to avoid: Active ingredient decomposes at elevated temperatures. Avoid direct sunlight.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Carbon oxides. Hydrogen chloride gas. Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Acute oral toxicity

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

Product: For similar materials: LD50, Rat > 5,000 mg/kg.

Aminopyralid triisopropanolamine salt: For similar materials: LD50, Rat > 5,000 mg/kg.

Acute inhalation toxicity

No adverse effects are anticipated from single exposure to mist. Based on the available data, respiratory irritation was not observed.

Product: For similar materials: LC50, Rat, 4 Hour, dust/mist > 5.79 mg/L.

Aminopyralid triisopropanolamine salt: For similar materials: LC50, Rat, 4 Hour, dust/mist > 5.79 mg/L. The substance has no acute inhalation toxicity.

Acute dermal toxicity

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Product: For similar materials: LD50, Rabbit > 5,000 mg/kg.

Aminopyralid triisopropanolamine salt: For similar materials: LD50, Rabbit > 5,000 mg/kg.

Skin corrosion/irritation

Product: No skin irritation.

Aminopyralid triisopropanolamine salt: No skin irritation.

Serious eye damage/eye irritation

Product: No eye irritation.

Aminopyralid triisopropanolamine salt: No eye irritation.

Sensitization

Product: For similar materials: Did not cause allergic skin reactions when tested in guinea pigs.

Aminopyralid triisopropanolamine salt: For similar materials: Did not cause skin sensitisation in guinea pigs.

Chronic toxicity**Germ cell mutagenicity**

Aminopyralid triisopropanolamine salt: For similar materials: Aminopyralid. In vitro genetic toxicity studies were predominantly negative. Animal genetic toxicity studies were negative.

Carcinogenicity

Aminopyralid triisopropanolamine salt: For similar materials: Aminopyralid. Did not cause cancer in laboratory animals.

Reproductive toxicity

Aminopyralid triisopropanolamine salt: For similar materials: Aminopyralid. In animal studies, did not interfere with reproduction. Did not cause birth defects or other effects in the foetus even at doses which caused toxic effects in the mother.

Specific Target Organ Systemic Toxicity (Single Exposure)

Product: Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Aminopyralid triisopropanolamine salt: Evaluation of available data suggests that this material is not an STOT-SE toxicant.

Specific Target Organ Systemic Toxicity (Repeated Exposure)

Aminopyralid triisopropanolamine salt: For similar materials: Aminopyralid triisopropanolamine salt: In animals, effects have been reported on the following organs: Gastrointestinal tract.

Aspiration Hazard

Product: Based on physical properties, not likely to be an aspiration hazard.

Aminopyralid triisopropanolamine salt: Based on physical properties, not likely to be an aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity**Product****Acute toxicity to terrestrial organisms**

Acute oral LD50, *Apis mellifera* (Bee) > 100 µg/bee

Acute contact LD50, *Apis mellifera* (Bee) > 100 µg/bee

Toxicity to Below Ground Organisms

LC50, *Eisenia foetida* (Earthworm) > 10,000 mg/L

Aminopyralid Triisopropanolamine Salt**Acute toxicity to fish**

For similar materials: Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 > 100 mg/L in the most sensitive species tested).

LC50, *Oncorhynchus mykiss* (rainbow trout), 96 Hour, 360 mg/l

Acute toxicity to aquatic invertebrates

For similar materials: EC50, *Daphnia magna* (Water flea), 48 Hour > 460mg/l

Acute toxicity to algae/aquatic plants

For similar materials: ErC50, *Pseudokirchneriella subcapitata* (green algae), 72 Hour > 1,000 mg/l

For similar materials: ErC50 (*Myriophyllum spicatum*), 14 day: 0.363 mg/L

For similar materials: NOEC (*Myriophyllum spicatum*), 14 day: 0.0639 mg/L

M-Factor (Acute aquatic toxicity): 1

M-Factor (Chronic aquatic toxicity): 1

Toxicity to Above Ground Organisms

Based on information for a similar material: Material is practically non-toxic to birds on an acute basis (LD50 > 2,000 mg/kg).

Acute oral LD50, *Colinus virginianus* (Bobwhite) > 10,000 mg/kg

Material is practically non-toxic to birds on a dietary basis (LC50 > 5,000 ppm).

Dietary LC50, *Colinus virginianus* (Bobwhite) > 4,670 ppm

Persistence and degradability

Aminopyralid Triisopropanolamine Salt

Biodegradability: For similar materials: Aminopyralid. Material is not readily biodegradable according to OECD/EEC guidelines.

Bioaccumulative potential

Aminopyralid Triisopropanolamine Salt

Partition coefficient: n-octanol/water: For similar active ingredient(s). Aminopyralid.
Bioconcentration potential is low (BCF < 100 or Log Pow < 3).

Mobility in Soil

Aminopyralid Triisopropanolamine Salt

For similar active ingredients: Aminopyralid. Potential for mobility in soil is very high (Koc between 0 and 50).

Results of PBT and vPvB assessment

Aminopyralid Triisopropanolamine Salt

This substance is not considered to be persistence, bioaccumulating and toxic (PBT), or very persistence and very bioaccumulating (vPvB).

Ozone depletion potential

Aminopyralid Triisopropanolamine Salt

This substance is not on the Montreal Protocol list of substances that deplete the ozone layer.

13. DISPOSAL CONSIDERATIONS

Disposal methods: 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 or area regulatory authorities. This information presented below only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. If the material as supplied becomes a waste, follow all applicable regional, national and local laws.

Waste handling, treatment and disposal practices must be in compliance with the New Zealand Hazardous Substances (Disposal) Notice 2017. Additional local requirements may be applicable in

accordance with planning controls under the Resource Management Act. Regulations concerning waste management may vary in different locations.

14. TRANSPORT INFORMATION

PUBLIC PASSENGER VEHICLE TRANSPORT: To be transported ONLY in the sealed original container.

International Regulations

UNRTDG

UN number : UN 3082
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S. (Aminopyralid triisopropanolamine salt)
 Class : 9
 Packing group : III
 Labels : 9

IATA-DGR

UN/ID No. : UN 3082
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S. (Aminopyralid triisopropanolamine salt)
 Class : 9
 Packing group : III
 Labels : Miscellaneous
 Packing instruction (cargo aircraft) : 964
 Packing instruction (passenger aircraft) : 964

IMDG-Code

UN number : UN 3082
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S. (Aminopyralid triisopropanolamine salt)
 Class : 9
 Packing group : III
 Labels : 9
 EmS Code : F-A, S-F
 Marine pollutant : Yes
 Remarks : Stowage category A

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

NZS 5433

UN number : UN 3082
 Proper shipping name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
 N.O.S. (Aminopyralid triisopropanolamine salt)
 Class : 9
 Packing group : III
 Labels : 9
 Hazchem Code : •3Z
 Marine pollutant : yes

Further information

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA Special provision A197, and ADR/RID special provision 375.

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

15. REGULATORY INFORMATION

ACVMG Approval Number: P7231

EPA Approval Code: HSR001686

Tolerable Exposure Limits (TEL): Not applicable

Environmental Exposure Limits (EEL): Not applicable

HSW Controls

ADVICE TO PRODUCT USERS REGARDING GHS CONTROLS: Users of this product should make reference to the New Zealand Hazardous Substances and New Organisms Act and Regulations, and the Health and Safety at Work Act for relevant risk management controls. Additional local requirements may be applicable in accordance with planning controls under the Resource Management Act. Refer to Environment Protection Authority for more information <http://www.epa.govt.nz>

16. OTHER INFORMATION

Revision

Identification Number: 101213381 / A157 / Issue Date: 03.02.2026 / Version: Replaces 19.03.2025 DAS
Product code: L1B-9-1 / GF-1397

Legend

ACGIH	American Conference on Governmental Industrial Hygienists.
NZ OEL	New Zealand Workplace exposure standards for atmospheric contaminants.
WES-TWA	Workplace Exposure Standard - Time Weighted average
TWA	Time Weighted Average

Full text of other abbreviations

ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; ASTM - American Society for the Testing of Materials; ECx - Concentration associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - not otherwise specified; NOEC - Non-

Observed Effective Concentration; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; (Q)SAR - (Quantitative) Structure Activity Relationship; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SDS - Safety Data Sheet; UN - United Nations.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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