

Safety Data Sheet

according to WHS Regulations

Printing date 05.02.2021

Revision: 05.02.2021

1 Identification

Product Name: DALGETY DUOMAX TICK DEVELOPMENT INHIBITOR AND BROAD SPECTRUM POUR-ON

Other Means of Identification: Mixture

APVMA Number: 89106

Recommended Use of the Chemical and Restriction on Use: Topical parasiticide

Details of Manufacturer or Importer:

Nutrien Ag Solutions Limited
Level 5, Building A, 26 Talavera Road,
Macquarie Park NSW 2113

Phone Number: (02) 9889 5400

Emergency telephone number: 1800 44 88 92

2 Hazard(s) Identification

Hazardous Nature:

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



skull and crossbones

Acute Toxicity (Oral) 3 H301 Toxic if swallowed.



health hazard

Toxic To Reproduction 1B H360 May damage fertility or the unborn child.

Aquatic Acute 3 H402 Harmful to aquatic life.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Signal Word Danger

Hazard Statements

H301 Toxic if swallowed.

H360 May damage fertility or the unborn child.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P264 Wash 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/hearing protection.

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

P321 Specific treatment (see on this label).

P330 Rinse mouth.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

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3 Composition and Information on Ingredients

Chemical Characterization: Mixtures**Description:** Mixture of substances listed below with nonhazardous additions.**Hazardous Components:**

CAS: 86811-58-7	Fluazuron	1.5%
	⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	
CAS: 70288-86-7	Ivermectin	0.5%
	⚠ Acute Toxicity (Oral) 1, H300; ⚠ Carcinogenicity 2, H351; Toxic To Reproduction 1B, H360	

4 First Aid Measures

Inhalation: If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.**Skin Contact:**

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention if symptoms occur.

Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:**Inhalation:** No adverse health effects expected during normal conditions of use. Inhalation is not considered a potential route of exposure.**Skin Contact:** May cause irritation and redness.**Eye Contact:** May cause eye irritation, redness and lachrymation.**Ingestion:** Toxic if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

5 Fire Fighting Measures

Suitable Extinguishing Media:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Do not use a solid water stream.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include gases hazardous to health.

This product is not flammable, but may burn or decompose in a fire.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

Prevent firefighting run off from entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved protective equipment. Evacuate all non-essential personnel from affected area.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains, water courses or onto the ground.

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Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Collect the spilled material and place into a suitable container for disposal.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact. Use only outdoors or in a well-ventilated area.

Food, beverages, feedstuff and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep container tightly closed. Protect from direct sunlight. Do not expose to temperatures exceeding 30°C. Keep away from strong oxidising agents, strong acids and strong bases.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls: Ensure adequate ventilation of the working area.

Respiratory Protection:

Respiratory protection is not required under normal conditions of use.

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Elbow length PVC gloves when preparing and using the product. See Australian/New Zealand Standard AS/NZS 2161 for more information.

Chemical resistant occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with side shields or goggles for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Liquid
Colour:	No information available
Odour:	No information available
Odour Threshold:	No information available
pH-Value:	No information available
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	97.5 °C

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Flammability:	Product is not flammable
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density:	No information available
Relative Density:	No information available
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	No information available
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: None known. No further relevant information available.

Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.

Conditions to Avoid: Direct sunlight and temperatures above 30°C.

Incompatible Materials: Strong oxidising agents, strong acids and strong bases.

Hazardous Decomposition Products: Hazardous combustion products include gases hazardous to health.

11 Toxicological Information

Toxicity:

LD50/LC50 Values Relevant for Classification:

CAS: 70288-86-7 Ivermectin

Oral	LD50	25 mg/kg (mouse)
		50 mg/kg (rat)

CAS: 86811-58-7 Fluzaron

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalation	LC50/4 h	>5,994 mg/l (rat)

Acute Health Effects

Inhalation:

No adverse health effects expected during normal conditions of use. Inhalation is not considered a potential route of exposure.

Skin: May cause irritation and redness.

Eye: May cause eye irritation, redness and lachrymation.

Ingestion: Toxic if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: May damage fertility or the unborn child.

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Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** No data associated with long term health effects.**Existing Conditions Aggravated by Exposure:** No data available.**12 Ecological Information****Ecotoxicity:****Aquatic toxicity:**

Harmful to aquatic life with long lasting effects.

CAS: 86811-58-7 Fluazuron

EC50/48 h 0.0006 mg/l (daphnia)

EC50/72 h 203 mg/l (scenedesmus subspicatus)

LC50/96 h >15 mg/l (trout)

CAS: 70288-86-7 Ivermectin

LC50/96 h 0.0048 ppm (bluegill)

0.003 ppm (rainbow trout)

LC50/48 h 0.000025 ppm (daphnia)

Persistence and Degradability: No data available on finished product.**Bioaccumulative Potential:** No data available on finished product.**Mobility in Soil:** No data available on finished product.**Other adverse effects:** No further relevant information available.**13 Disposal Considerations****Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information**UN Number** Not regulated.**Proper Shipping Name** Not regulated.**Dangerous Goods Class** Not regulated.**Packing Group:** Not regulated.**15 Regulatory Information****Australian Inventory of Industrial Chemicals:**

All ingredients are listed except two which are trade secret.

CAS: 86811-58-7 Fluazuron

CAS: 70288-86-7 Ivermectin

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Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:

Poisons Schedule: 5

Australia: Priority Existing Chemicals

None of the ingredients is listed.

16 Other Information**Date of Preparation or Last Revision:** 05.02.2021**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 1: Acute toxicity - oral – Category 1

Acute Toxicity (Oral) 3: Acute toxicity - oral – Category 3

Carcinogenicity 2: Carcinogenicity – Category 2

Toxic To Reproduction 1B: Reproductive toxicity – Category 1B

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020”

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