

Infosafe No™ 3NULL	Issue Date : October 2024	ISSUED by NUFARMNZ
Product Name TAZER®		

Section 1 - Identification

Product Identifier	TAZER®
Product Code	02996
Product Type	Fungicide
Company Name	Nufarm NZ
Address	Central Park, Building 3, Level 4, 666 Great South Road Ellerslie Auckland 1051 New Zealand
Telephone/Fax Number	Tel: 0-9-270 4150
Emergency Phone Number	0800 651 911
Email	nzinfo@nufarm.com
Recommended uses and any restrictions on use or supply	A fungicide for the control of a wide range of diseases in wheat, barley, potato, sweetcorn, maize, peas, field tomatoes, onions, grapes, turf and ryegrass seed crops.
Other Information	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

GHS classification of the substance/mixture	Acute oral toxicity: Category 4 Specific target organ toxicity - repeated exposure: Category 2 Hazardous to the aquatic environment acute Category 1 Hazardous to the aquatic environment chronic Category 1
Signal Word (s)	WARNING
Hazard Statement (s)	H302 Harmful if swallowed H373 May cause damage to organs through prolonged or repeated exposure H410 Very toxic to aquatic life with long lasting effects
Precautionary Statement – General	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.
Pictogram (s)	Health hazard, Environment



Precautionary Statement – Prevention	P260 Do not breathe 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. P273 Avoid release to the environment.
Precautionary Statement – Response	P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P314 Get medical advice/attention if you feel unwell. P330 Rinse mouth. P391 Collect spillage.
Precautionary Statement – Disposal	P501 Dispose of contents/container to an approved landfill.

Section 3 - Composition and Information on Ingredients

Chemical Characterization	Liquid		
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Azoxystrobin	131860-33-8	250 g/L

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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.
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	During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.
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.
Hazchem Code	2Z
Decomposition Temperature	Information is not available.
Other Information	Location Certificate: Not applicable Hazardous Atmosphere Zone: Not applicable Number of Fire Extinguishers: Not applicable

Section 6 - Accidental Release Measures

Spills and Disposal	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. Wash area with water and detergent and absorb with inert material. Dispose of waste safely in an approved landfill.
Personal Protection	For appropriate personal protective equipment (PPE), refer Section 8.
Environmental Precautions	Prevent from entering drains, waterways or sewers.

Section 7 - Handling and Storage

Precautions for Safe Handling	The person mixing or applying Tazer must be a 'Qualified Contractor' or 'Qualified Loader'. For more information refer to the Hazardous Substances 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. This product must not be applied onto or into water.
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Conditions for safe storage, including any incompatibilities	<p>Avoid skin and eye contact and inhalation of spray mist. CERTIFIED HANDLER: Is not required. TRACKING: Is not required. RECORD KEEPING: Records of use as described in NZS8409 Management of Agrichemicals must be kept if 3L or more of Tazer is applied within 24 hours. Records must be kept for a minimum of 3 years from application date.</p>
Other Information	<p>Keep out of reach of children. Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Stores containing 100L of Tazer require secondary containment and are subject to signage, and more than 100L require emergency response plans.</p> <p>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.</p>

Section 8 - Exposure Controls and Personal Protection

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

Form	Liquid
Appearance	Off-white to beige fluid.
Odour	Slight aromatic odour.
Decomposition Temperature	Information is not available.
Melting Point	116°C for active ingredient azoxystrobin.
Boiling Point	116°C for active ingredient azoxystrobin.
Solubility in Water	Dispersible.
Specific Gravity	1.09
pH	6 - 8 (1%)
Vapour Pressure	1.1 x 10 ⁻⁷ mPa (20°C) for active ingredient azoxystrobin.
Vapour Density (Air=1)	Information is not available.
Odour Threshold	Information is not available.
Partition Coefficient: n-octanol/water	Kow logP = 2.5 (20°C) for active ingredient azoxystrobin.
Flash Point	Information is not available.
Flammability	Not flammable.
Auto-ignition Temperature	Information is not available.

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Flammable Limits - Lower	Information is not available.
Flammable Limits - Upper	Information is not available.
Kinematic Viscosity	Information is not available.
Particle Characteristics	Information is not available.
Other Information	(SC) Suspension Concentrate

Section 10 - Stability and Reactivity

Chemical Stability	Stable under normal conditions of handling and storage.
Hazardous Decomposition Products	Can decompose at high temperatures forming toxic and irritating gases.
Hazardous Polymerization	Hazardous polymerisation will not occur.

Section 11 - Toxicological Information

Acute Toxicity - Oral	LD50 (male and female rats and mice) >5,000mg/kg for active ingredient azoxystrobin.
Acute Toxicity - Inhalation	LC50 (4h, nose only, female rats) 0.69mg/L for active ingredient azoxystrobin.
Acute Toxicity - Dermal	LD50 (rat) >2,000mg/kg for active ingredient azoxystrobin.
Skin Corrosion/Irritation	Slightly irritating (rabbits) for active ingredient azoxystrobin.
Serious Eye Damage/Irritation	Slightly irritating (rabbits) for active ingredient azoxystrobin.
Skin Sensitisation	Azoxystrobin is not a skin sensitiser (guinea pigs).
Germ Cell Mutagenicity	Information is not available.
Carcinogenicity	Not a carcinogen.
Reproductive Toxicity	Information is not available.
STOT - Single Exposure	Information is not available.
STOT - Repeated Exposure	May cause damage to organs through prolonged or repeated exposure.
Aspiration Hazard	Information is not available.
Chronic Effects	Azoxystrobin technical has been extensively tested on laboratory mammals and in test-tube systems. It did not show carcinogenic, teratogenic or mutagenic effects in animal experiments.
Other Information	The Australian Acceptable Daily Intake (ADI) for azoxystrobin for a human is 0.1 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 10 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Aust Govt Dept. of APVMA, 'ADI List', Edition 1/2024).

Section 12 - Ecological Information

Persistence and Degradability	Azoxystrobin is persistent.
Mobility	Moderately mobile in soil (Azoxystrobin)
Environmental Fate	Azoxystrobin: Low bioaccumulation potential. Stable in water. Sinks in water (after 24 hours). Kow logP = 2.5 (20°C)

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Bioaccumulative Potential	Not Bioaccumulative (azoxystrobin).
Basis for Assessment	Ecotoxicological data has not been determined specifically for this product. Data below is for the active ingredient unless otherwise stated.
Acute Toxicity - Fish	LC50 (96h) rainbow trout = 0.47mg/L for active ingredient azoxystrobin. LC50 (96h) carp = 1.6mg/L for active ingredient azoxystrobin.
Acute Toxicity - Daphnia	EC50 (48h) daphnia = 0.28mg/L for active ingredient azoxystrobin.
Acute Toxicity - Algae	EC50 (72h) Pseudokirchneriella subcapitata = 0.18mg/L for active ingredient azoxystrobin.
Acute Toxicity - Other Organisms	LC50 mallard ducks and bobwhite quail is >2,000mg/kg for active ingredient azoxystrobin. LC50 (14d) earthworms is 283mg/kg for active ingredient azoxystrobin. LD50 honey bee (oral) is >25µg/bee and (contact) >200µg/bee for active ingredient azoxystrobin.

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. - (azoxystrobin)
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 more than 10L of Tazer 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.P8125 See www.foodsafety.govt.nz for registration conditions. Approved pursuant to the HSNO Act 1996, Approval Code HSR100461 See www.epa.govt.nz for approval controls.
Packaging and Labelling	READ SAFETY DIRECTIONS BEFORE OPENING OR USING KEEP OUT OF REACH OF CHILDREN

Section 16 - Any Other Relevant Information

Date of preparation or last revision of SDS	November 2019.
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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.

Other Information Supersedes SDS issued July 2015
...End Of MSDS...

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