

Infosafe No™ 3NUT1 Issue Date : August 2024 ISSUED by NUFARMNZ

Product Name **NIPSIT INSIDE®**

Section 1 - Identification

Product Identifier	NIPSIT INSIDE®
Product Code	03560
Product Type	Insecticide
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 systemic insecticide for use as a seed treatment for the control of Argentine stem weevil, black beetle and greasy cutworm in maize and sweetcorn Argentine stem weevil and grass grub larvae in wheat, aphids in cereals, Argentine stem weevil, springtails in forage brassicas and Argentine stem weevil, black beetle and grass grub larvae in newly sown grass.
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 terrestrial environment: Hazardous to soil organisms Hazardous to the terrestrial environment: Hazardous to terrestrial vertebrates Hazardous to the terrestrial environment: Hazardous to terrestrial invertebrates 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. H332 Harmful if inhaled. H373 May cause damage to organs through prolonged or repeated oral exposure at high doses. H410 Very toxic to aquatic life with long lasting effects. H422 Toxic to the soil environment. H433 Harmful to terrestrial vertebrates. H441 Very toxic to terrestrial invertebrates.
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)	Exclamation mark, Health hazard, Environment



Precautionary Statement – Prevention	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.
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Precautionary Statement – Response	P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTER/doctor if you feel unwell. P314 Get medical advice/attention if you feel unwell. 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>
	Clothianidin	210880-92-5	600 g/L
	Ingredients determined to be non-hazardous	-	balance

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. Seek medical assistance. Remove contact lenses, if present and easy to do.
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	Choose extinguishing media to suit the burning material. Water fog, foam, carbon dioxide or dry chemical. Do not use water in a jet.
Hazards from Combustion Products	On burning may emit fumes which are toxic and/or irritating. May emit toxic fumes of carbon oxides and nitrogen oxides if involved in fires or exposed to extreme heat.
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. Keep containers cool with water spray.
Hazchem Code	2X
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

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	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 alkaline 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 NIPSIT INSIDE must be a 'Qualified Contractor' or a 'Qualified Person'. The spray mixture may also be prepared by a 'Qualified Loader'. 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. This product must not be applied onto or into water. CERTIFIED HANDLER: Is not required. TRACKING: Is not required. RECORD KEEPING: Is not required.
Conditions for safe storage, including any incompatibilities	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 NIPSIT INSIDE require secondary containment and are subject to signage, and more than 100L require emergency response plans.
Other Information	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

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, 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. Wash splashes of concentrate from skin immediately.

Section 9 - Physical and Chemical Properties

Form	Liquid
Appearance	White viscous liquid.
Odour	Faint.
Decomposition Temperature	Information is not available.
Melting Point	176.8°C for active ingredient clothianidin.
Boiling Point	~100°C

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Solubility in Water	Dispersible.
Specific Gravity	1.25g/mL @ 20°C
pH	5.4 (1% dilution)
Odour Threshold	Information is not available.
Partition Coefficient: n-octanol/water	Kow logP = 0.5 (25°C) for active ingredient clothianidin.
Flash Point	Information is not available.
Flammability	Information is not available.
Auto-ignition Temperature	Information is not available.
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.
Conditions to Avoid	Direct sunlight.
Hazardous Polymerization	Not known to occur.

Section 11 - Toxicological Information

Toxicology Information	No specific toxicological data is available for this product. Data below is for constituents.
Acute Toxicity - Oral	LD50 (male and female rats) >5000mg/kg for active ingredient clothianidin.
Acute Toxicity - Inhalation	LC50 (4h, male and female rats) >6141mg/m ³ for active ingredient clothianidin.
Acute Toxicity - Dermal	LD50 (male and female rats) >2000mg/kg for active ingredient clothianidin.
Skin Corrosion/Irritation	Not a skin irritant (rabbits) for active ingredient clothianidin.
Serious Eye Damage/Irritation	Slightly irritating to eyes for active ingredient clothianidin.
Skin Sensitisation	Not a skin sensitizer (guinea pigs) for active ingredient clothianidin.
Germ Cell Mutagenicity	No mutagenic effects observed.
Carcinogenicity	No oncogenic effects were observed in the 2-year rat or 18-month mouse feeding studies.
Reproductive Toxicity	No reproductive effects observed at 2,500ppm.
STOT - Single Exposure	Information is not available.
STOT - Repeated Exposure	May cause organ damage from repeated oral exposure at high doses.
Aspiration Hazard	Information is not available.
Subchronic/Chronic Toxicity	The clothianidin NOEL for a 2-year rat study was 9.7 mg/kg/day (female); for a 18-month mouse study was 47.2mg/kg/day (male) and for 12-month dog study was

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Other Information	7.8mg/kg/day (male). The principal target organs were the glandular stomach, kidney, ovary and liver. The Australian Acceptable Daily Intake (ADI) for clothianidin for a human is 0.05 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 9.7 [LOAEL] 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).
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Section 12 - Ecological Information

Persistence and Degradability	Soil DT50 (lab, aerobic) 143-1001 d.Koc 84-345 for active ingredient clothianidin.
Mobility	Information is not available.
Bioaccumulative Potential	Clothianidin is not bioaccumulative.
Basis for Assessment	Ecotoxicological data have not been determined specifically for this product. Data below is for the active ingredient unless otherwise stated.
Acute Toxicity - Fish	LC50 (96h) rainbow trout >100mg/L for active ingredient clothianidin.
Acute Toxicity - Daphnia	EC50 (48h) >120mg/L for active ingredient clothianidin.
Acute Toxicity - Algae	ErC50 (72h) Scenedesmus subspicatus >270mg/L for active ingredient clothianidin.
Acute Toxicity - Other Organisms	Birds: LC50 (bobwhite quail) >2000mg/kg for active ingredient clothianidin. Bees: Harmful to honey bees; LD50(contact) >0.0439µg/bee; (oral) = 0.00379µg/bee for active ingredient clothianidin.

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 the mixture. Recycle empty container.

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. - (clothianidin)
Hazard Class	9
Hazchem Code	2X
Packaging Method	-
Packing Group	III
EPG Number	-
IERG Number	47
IMO Marine Pollutant	Yes. Environmentally Hazardous Substance mark required.
Other Information	Do not carry more than 10L of of 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

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National and or International Regulatory Information	Registered pursuant to the ACVM Act 1997, No. P8365 See www.foodsafety.govt.nz for registration conditions Approved pursuant to the HSNO Act 1996, Approval Code HSR000694 See www.epa.govt.nz for approval controls.
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Section 16 - Any Other Relevant Information

Date of preparation or last revision of SDS May 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...

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