

Infosafe No™ 3NUT1	Issue Date : June 2014	ISSUED by NUFARMNZ
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 Product Name **NIPSIT INSIDE®**

## 1. Identification

<b>GHS Product Identifier</b>	NIPSIT INSIDE®
<b>Product Code</b>	03560
<b>Product Type</b>	Insecticide
<b>Company Name</b>	Nufarm NZ
<b>Address</b>	6 Manu Street, Otahuhu Auckland 2024 New Zealand
<b>Telephone/Fax Number</b>	Tel: 0-9-270 4150 Fax: 0-9-270 4159
<b>Emergency phone number</b>	0800 651 911
<b>Email</b>	info@nz.nufarm.com
<b>Recommended use of the chemical and restrictions on use</b>	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.
<b>Other Information</b>	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.

## 2. Hazard Identification

<b>Other Information</b>	6.1D acute toxicant, 6.9B target organ toxicant, 9.1A aquatic toxicant, 9.2B soil toxicant, 9.3C terrestrial vertebrate toxicant, 9.4A terrestrial invertebrate toxicant, TOXICITY May be harmful if swallowed, inhaled or absorbed through the skin. May cause organ damage from repeated oral exposure at high doses. ECOTOXIC Very toxic to aquatic organisms. Toxic to the soil environment. Harmful to terrestrial vertebrates. Very toxic to terrestrial invertebrates including bees.
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## 3. Composition/information on ingredients

<b>Chemical Characterization</b>	Liquid		
<b>Ingredients</b>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Clothianidin	210880-92-5	600 g/L
	Ingredients determined to be non-hazardous	-	balance

## 4. First-aid measures

<b>First Aid Measures</b>	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.
<b>Inhalation</b>	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.
<b>Ingestion</b>	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.
<b>Skin</b>	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.
<b>Eye contact</b>	Flush eyes with plenty of water for 15 minutes holding eyelids open if necessary. Seek medical assistance. Remove contact lenses, if present and

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**First Aid Facilities** easy to do.  
Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower.

**Advice to Doctor** Treat symptomatically.

## 5. Fire-fighting 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

**Other Information** Location Certificate: Not applicable  
Hazardous Atmosphere Zone: Not applicable  
Number of Fire Extinguishers: Not applicable

## 6. Accidental release measures

**Spills & 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 alkali 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.

## 7. Handling and storage

**Precautions for Safe Handling** Avoid skin and eye contact and inhalation of spray mist.  
APPROVED HANDLER: This product must be under the control of an approved handler when it is applied in a wide dispersive manner, or used by a commercial contractor.  
TRACKING: Is not required  
RECORD KEEPING: Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3L or more is applied within 24 hours.

**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. Always read the label and any attached leaflet before use.

**Other Information** 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.

## 8. Exposure controls/personal protection

**Occupational exposure limit values** 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

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and after work. Wash protective clothing daily after work. Wash splashes of concentrate from skin immediately.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	White viscous liquid
<b>Odour</b>	Faint
<b>Boiling Point</b>	~100°C
<b>Solubility in Water</b>	Dispersible
<b>Specific Gravity</b>	1.25g/mL @ 20°C
<b>pH</b>	5.4 (1% dilution)
<b>Other Information</b>	(SC) Suspension Concentrate

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under normal conditions of handling and storage.
<b>Conditions to Avoid</b>	Direct sunlight.
<b>Hazardous Polymerization</b>	Not known to occur.

## 11. Toxicological Information

<b>Toxicology Information</b>	No specific toxicological data is available for this product. Data below is for constituents.
<b>Acute Toxicity - Oral</b>	LD50 = 3,044mg/kg
<b>Acute Toxicity - Dermal</b>	LD50 = >5,000mg/kg
<b>Acute Toxicity - Inhalation</b>	LC50 = >2.15mg/L
<b>Skin</b>	Mildly irritating to the skin.
<b>Skin Sensitisation</b>	Not a skin sensitizer.
<b>Carcinogenicity</b>	No oncogenic effects were observed in the 2-year rat or 18-month mouse feeding studies.
<b>Reproductive Toxicity</b>	No reproductive effects observed at 2,500ppm
<b>Mutagenicity</b>	No mutagenic effects observed
<b>Subchronic/Chronic Toxicity</b>	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 7.8mg/kg/day (male). The principal target organs were the glandular stomach, kidney, ovary and liver.
<b>Other Information</b>	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 [LOEL] 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: Comm. Dept. of Health and Ageing, Office of Chemical Safety, 'ADI List', September 2013).

## 12. Ecological information

<b>Bioaccumulative Potential</b>	Clothianidin is not bioaccumulative. Kow logP = 0.7 (25°C).
<b>Basis for Assessment</b>	Ecotoxicological data have not been determined specifically for this product. Data below is for the active ingredient unless otherwise stated.
<b>Acute Toxicity - Fish</b>	LC50 (96h) rainbow trout = >104mg/L
<b>Acute Toxicity - Daphnia</b>	EC50 (48h) = >119mg/L
<b>Acute Toxicity - Algae</b>	ErC50 (72h)scenedesmus subspicatus = >270mg/L for clothianidin

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<b>Acute Toxicity - Other Organisms</b>	Birds: LD50 (96h) mallard duck = 503mg/kg Bees: LD50 (48h) (contact) = 0.044µg/bee LD50 (48h) (oral) = 0.004µg/bee
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### 13. Disposal considerations

<b>Product Disposal</b>	Dispose of product only by using according to the label, or at an approved landfill.
<b>Container Disposal</b>	Triple rinse empty container and add rinsate to the mixture. Recycle empty container.

### 14. Transport information

<b>Transport Information</b>	It is good practice not to transport agricultural chemical products with food, food related materials and animal feedstuffs.
<b>U.N. Number</b>	3082
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (clothianidin, 60%)
<b>Transport hazard class(es)</b>	9
<b>Hazchem Code</b>	2X
<b>Packaging Method</b>	-
<b>Packing Group</b>	III
<b>EPG Number</b>	-
<b>IERG Number</b>	47
<b>IMO Marine Pollutant</b>	Yes. Environmentally Hazardous Substance mark required.
<b>Other Information</b>	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.

### 15. Regulatory information

<b>National and or International Regulatory Information</b>	Registered pursuant to the ACVM Act 1997, No. P8365 See <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a> for registration conditions Approved pursuant to the HSNO Act 1996, Approval Code HSR000694 See <a href="http://www.epa.govt.nz">www.epa.govt.nz</a> for approval controls.
<b>Packaging &amp; Labelling</b>	HARMFUL * ECOTOXIC - keep out of reach of children
<b>Hazard Rating Systems</b>	NFPA/HMIS: 2-1-1

### 16. Other Information

<b>Date of preparation or last revision of SDS</b>	N/A - first issue
<b>Contact Person/Point</b>	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 ...End Of MSDS...

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