

# Safety Data Sheet

## Native Neem Natural Insecticide

native  
neem

Date /Revised: 23 November 2023

Version: 2

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Native Neem Natural Insecticide (for Home and Garden)  
Use: Insecticide

Supplier Name: Green Trading Co. Ltd.  
Supplier Address: 650 West Coast Road,  
Oratia,  
Auckland, 0604,  
New Zealand

Emergency Number: NZ Poisons Centre - 0800 POISON (0800 764 766)

### 2. HAZARDS IDENTIFICATION

Classified as hazardous according to the criteria of the Hazardous Substances (Hazard Classification) Notice 2020 and in accordance with Hazardous Substances and New Organisms Act 1996.  
HSNO Substance Approval: HSR101549

Not classified as dangerous goods by the criteria of the "New Zealand NZS5433:2012: Transport of Dangerous Goods on Land"

Signal Word: **WARNING**

Pictograms:



#### GHS Classification:

Skin Sensitisation Category 1  
Eye Irritant Category 2  
Reproductive Toxicity Category 2  
Hazardous to the Aquatic Environment Chronic Category 3  
Hazardous to Terrestrial Vertebrates.

#### Hazard statements:

H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H361 Suspected of damaging fertility or the unborn child  
H412 Harmful to aquatic life with long-lasting effects.  
H433 Harmful to terrestrial vertebrates.

**Prevention statements:**

- P102 Keep out of reach of children.
- P103 Read label before use.
- P201 Obtain special instructions before use
- P202 Do not handle until all safety precautions have been read and understood
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 Wash exposed parts of body thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response Statements:**

- P101 If medical advice is needed, have product container or label at hand
- P302+P352 IF ON SKIN: wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.
- P308+P313 IF exposed or concerned : get medical advice / attention
- P321 Specific treatment (see label).
- P333+P313 IF SKIN irritation or rash occurs: Get medical advice/attention.
- P337+P313 IF eye irritation persists: get medical advice / attention
- P362+P364 Take off contaminated clothing and wash it before reuse.

**Storage Statements:**

- P405 Store locked up.

**Disposal Statements:**

- P501 Disposal of waste product and containers must be in accord with local bylaws and regulations

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Components	Composition (%) W/W
Azadirachtin	<1.0%
Neem Oil	>60 %
Citronella	<1.0 %
Non-hazardous ingredients	10 - 30 %

**4. FIRST AID MEASURES**

IF exposed or concerned or if you feel unwell: Get medical advice/attention.

IF ON CLOTHING: Rinse contaminated clothing and skin with plenty of water before removing clothes. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell or experience respiratory symptoms.

IF ON SKIN (or hair): Take off Immediately all contaminated clothing. Rinse skin with water [or shower]. Gently wash with plenty of soap and water. IF skin irritation or rash occurs: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. IF eye irritation persists: Get medical advice/attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: call POISON CENTER

## 5. FIRE FIGHTING MEASURES

**Flash Point:** > 145 degree Celsius

**Flammability Limits:** Not Flammable

**Auto Ignition temp:** Not applicable

**Fire Extinguishing Media:** Water spray, carbon dioxide, dry chemical, foam

**Special Fire-Fighting Information:** Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Use of contaminated buildings, areas and equipment has to be avoided until decontaminated.

**Unusual Fire and Explosion Hazards:** Not Flammable

## 6. ACCIDENTAL RELEASE MEASURES

**Safety gear :**Wear chemical safety glasses with side shields or chemical proof goggles, rubber gloves , rubber boots , long sleeved shirt , long pants, head cap , NIOSH approved dust or pesticide respirator with a dust filter.

**Spills:** Sweep the area keeping the dust to a minimum and place an approved chemical container. Wash the spill area with water containing a strong detergent, absorb with absorbent material. Seal the container and handle in an approved manner.

## 7. HANDLING AND STORAGE

**Storage Temperature :** Room temperature (Not more than 40 degree Celsius)

**Storage requirements :** Store the material in a well ventilated, clean, cool and dry place out of reach of children and domestic animals.

**Shelf Life :** Use before expiry date printed on label.

**Special sensitivity :** None

**Handling precautions :** Follow normal hygiene and housekeeping standards for agricultural products.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Oral Protection Requirements:** Avoid eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Always wash thoroughly after handling the product.

**Eye protection equipment:** To avoid eye contact, wear safety goggles.

**Skin protection requirements:** To avoid skin contact, wear rubber gloves, rubber boots, long-sleeved shirt, long pants, head cap.

**Respiratory / Ventilation :** To avoid breathing dust, use adequate ventilation and requirements wear a NIOSH-approved dust or pesticide respirator with a dust filter.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour	Dark Brown
Specific Gravity	0.9 @27°C
Bulk density	Not applicable
Odour	Characteristic bitter odour
Miscibility	Largely miscible in water
pH	approx.. 7

Corrosion Nil  
Flash point >145°Celsius  
% Volatile volume Not determined  
Vapour pressure Not determined  
Vapour density Not determined  
Melting Point Not determined  
Boiling Point Not determined  
Freezing Point Not determined  
Evaporation Rate Not determined

## 10. STABILITY AND REACTIVITY

**Stability:** Product is stable at normal temperatures  
**Hazardous Polymerization:** Will not occur.  
**Hazardous Decomposition Products:** None  
**Decomposition:** Easily bio-degradable  
**Incompatibility:** Not compatible with highly alkaline substances  
**Conditions to Avoid:** Incompatible substances.

## 11. TOXICOLOGICAL INFORMATION

S No	STUDY	ANIMAL	LD50/ACTION
1	The Acute Oral Toxicity	The Albino Mice	>6550 mg / Kg
2	The Acute Oral Toxicity	The Albino Rat	>5000 mg / Kg
3	The Acute Dermal Toxicity	The Albino Rat	> 2000 mg / Kg
4	Primary Skin Irritation Test	Rabbits	Slight Irritation
5	Mucous Membrane Irritation	Rabbits	Moderate irritant to mucous membrane

## 12. ECOLOGICAL INFORMATION

Bio-degradable in nature  
Do not apply on water bodies.  
The product contains non-pathogenic, non-toxic, naturally occurring constituents.

## 13. DISPOSAL CONSIDERATIONS

Do not reuse product packaging materials and residues. Dispose of the product packing materials and residues according to local state and federal health and environmental regulations.  
Dispose of empty containers, surplus material and washings from spray equipments in a safe manner so as to prevent environmental or water pollution, or contamination of food and animal feed.  
Never use the empty containers for storing food or water

## 14. TRANSPORTATION INFORMATION

### Road and Rail Transport:

Not Classified as dangerous goods by the criteria of the "New Zealand NZS5433:2012: Transport of Dangerous Goods on Land"

### Sea Transport

IMDG: Not classified as dangerous goods under transport regulations.

### Air Transport

IATA/ICAO: Not classified as dangerous goods under transport regulations.

## 15. REGULATORY INFORMATION

Classified as hazardous according to the criteria of the Hazardous Substances (Hazard Classification) Notice 2020 and in accordance with Hazardous Substances and New Organisms Act 1996 HSR101549 (Wally's Super Neem Oil)

The product is exempt from the requirement of registration under the ACVM Act.

## 16. OTHER INFORMATION

**SDS Version Number** 2.0 (updated to conform to requirements under NZ EPA GHS requirements)  
**SDS Effective Date** 23 November 2023  
**SDS Review Date** 23 November 2028

### Abbreviations

ADG Code Australian Dangerous Goods

AICS Australian Inventory of Chemical Substances

ACGIH – American Conference of Governmental Industrial Hygienists

EN - European Standard

GHS - Globally Harmonized System of classification and labelling of chemicals

HSNO- Hazardous Substances and New Organisms

IATA - International Air Transport Association

ICAO - International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods Code

LD50 LD stands for Lethal Dose. LD50 is the amount of a substance, given all at once, which causes the death of 50% (one half) of a group of test animals.

OECD - Organisation for Economic Co-operation and Development

PPE – Personal Protective Equipment

TLV – Threshold Limit Values

TWA – Time-Weighted Average

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***THIS PRODUCT IS FOR HORTICULTURAL AND FLORICULTURE USE ONLY.***