

SAFETY DATA SHEET

Product Name: Plant Health Insect Hit Ready to Use

Issue Date: 17/12/2014

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1. PRODUCT AND COMPANY INFORMATION

Product Name:	Plant Health Insect Hit Ready to Use
Synonyms:	None
Molecular Formula:	Mixture
Supplier:	Kiwicare Corporation Limited
Street Address:	225 Maces Road, Bromley, Christchurch, 8062 New Zealand
Postal Address:	P.O Box 15050, Aranui, Christchurch, 8643 New Zealand
Telephone	+64 3 389 0778
Email:	info@kiwicare.co.nz
Website:	www.kiwicare.co.nz
Emergency Contact Numbers:	
National Poisons Centre:	0800 764 766 (0800 POISON)

2. HAZARDS IDENTIFICATION

Dangerous Goods:	Not dangerous goods.
Packaging Group:	III
Hazardous Substance (HSNO) Codes:	9.1C – Harmful to aquatic life.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use:	Garden insecticide
Appearance:	Clear translucent liquid

Ingredients

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	Content % w/w or w/v
Thiacloprid	111988-49-9	0.04% w/v
Non-hazardous ingredients		>99%

4. FIRST AID MEASURES

Ingestion:	If swallowed, this product may cause gastrointestinal tract irritation. If ingestion occurs, do not induce vomiting. To dilute the ingested product, give affected person one or two glasses of water or milk. Never give an unconscious person anything by mouth. Place in recovery position. Obtain medical advice immediately.
Eye Contact:	If eye contact occurs check for and remove any contact lenses if easy to do so. Do not use an eye ointment. Flush eyes with running water for 15 minutes holding eyelids open if necessary. Seek medical advice.
Skin Contact:	Avoid contact with skin. If skin contact occurs wash off with soap and water. If skin irritation occurs get medical advice.
Inhalation:	May cause irritation of upper respiratory tract. If ill effects persist call a doctor. Seek immediate medical attention.
Notes to Physician:	None allocated.

5. FIRE FIGHTING MEASURES

Specific Hazards:	Clear fire area of all non-emergency personnel.
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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray, foam, CO₂, dry chemical or any class B extinguishing agent.

Fire Fighting Advice:

For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment. This may include self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency. Equipment should be thoroughly cleaned after use. Read the entire document.

6. ACCIDENTAL RELEASE MEASURES

Spill Clean-up:

Minor Spills (Up to 20 L):

Floor may be slippery if wet. Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with Sand, Soil or absorbent granules. Do not allow product or washings to enter the waterways or sewer. Contaminated absorbent and wash water should be disposed of according to local and national regulations.

Collect in an appropriate sealable container for disposal in an approved landfill or incinerated at an authorised installation.

Major Spills (more than 20 L):

Floor may be slippery if wet. Wear protective clothing. Clear area of unprotected personnel. Contain spill and absorb with Sand, Soil or absorbent granules. Do not allow product or washings to enter the waterways or sewer. If spill does enter waterway contact local authority. Contaminated absorbent and wash water should be disposed of according to local and national regulations.

Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation.

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7. HANDLING AND STORAGE

Handling:	Rinse out empty containers and do not use for any other purpose.
Storage:	<p>Store in original container in a cool, dry ventilated place. Away from direct heat of sunlight. Store away from foodstuffs, children and animals. Do not allow product to get wet in storage. Keep container sealed when not in use.</p> <p>All aspects of storage, handling, use and record keeping must be in accordance with NZS 8409-2004 "Management of Agrichemicals" and local and regional council.</p>

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:	None allocated.
Engineering Controls:	Always use with adequate ventilation.
Personal Protection:	Avoid all personal contact. Wear suitable protective clothing. Wash protective clothing before storage or reuse. Wash hands after use and before, using tobacco products, or toilet facilities.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	Clear translucent liquid with little odour.
Solubility:	None allocated.
Specific Gravity:	1.00
Boiling Point:	None allocated.
Freezing Point:	None allocated.
Melting Point:	None allocated.
Vapour Pressure:	None allocated.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Coefficient of Cubic Expansion:	None allocated.
Relative Vapour Density:	None allocated.
Decomposition Point:	None allocated.
Viscosity:	None allocated.
Flash Point:	None allocated.
Electrostatic Generation:	None allocated.
Auto-ignition Temperature:	None allocated.
% Volatile by Volume:	None allocated.
Flammable Limits:	None allocated.
pH Value:	5.25 – 6.25
Evaporation Rate:	None allocated
Explosion Hazard:	None allocated
Formula:	None allocated
Molecular Weight:	None allocated
Chemical Family:	None allocated
Other:	None allocated
Oxidising Agents:	None allocated
Acids:	None allocated
Alkalis:	None allocated
Salt or Freshwater:	None allocated
Exposure Standards (TLV-TW):	None allocated
Engineering Controls:	None allocated

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10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of use
Incompatibility:	None known
Corrosive Properties:	Not corrosive
Thermal Decomposition:	None

11. TOXICOLOGICAL INFORMATION

General:

Acute Effects

Ingestion:	Non-toxic
Eye Contact:	May be mild eye irritant
Skin Contact:	May be mild skin irritant
Inhalation:	May be mildly irritating by inhalation
Long Term Effects:	None known
Acute Toxicity:	LD50 Rats: >1000g/Kg (by calculation)
Chronic Toxicity:	No known

12. ECOTOXICITY INFORMATION

Environmental Effects:	Aquatic toxicity - LC50 (96h) rainbow trout; 80 g/L (by calculation). Terrestrial Invertebrates - Bees: LD50; 47 mg/bee (by calculation).
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13. DISPOSAL CONSIDERATIONS

Product Disposal:	Dispose of this product only by using according to the label. Triple rinse container.
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13. DISPOSAL CONSIDERATIONS

Container Disposal: Crush or puncture cleaned, empty containers and dispose of container at an approved landfill or Agrecovery Depot. Avoid contamination of any water supply or stream with this product or empty container.

14. TRANSPORT INFORMATION

Road and Rail

UN Number: 3082

Dangerous Goods Class: 9

Hazchem Code: 2X

Packaging Group: III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

Segregation: None

Marine

UN Number: 3082

Class: 9

Packaging Group: III

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S

Air Transport

UN Number: 3082

Class: 9

Packaging Group: III

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14. TRANSPORT INFORMATION

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S

15. N.Z. REGULATORY INFORMATION

EPA HSNO Number: HSR100983
HSNO Classifications: 9.1C – Harmful to aquatic life.
HSNO Controls: See EPA website
HSNO Approved codes of Practice: See EPA website

16. OTHER INFORMATION

Emergency Contact	24 Hours
Work Hours	National Poisons Centre
Kiwicare Corporation	PO Box 913
225 Maces Road	Dunedin
PO Box 15050	Tel: 0800 764 766 (POISON)
Christchurch	
Tel: (03) 389 0778	
Fax: (03) 389 0669	

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16. OTHER INFORMATION

All Safety Data Sheets are subject to review and should not be left longer than three years before and update is obtained.

For further information visit the Kiwicare web site, www.kiwicare.co.nz, or contact the supplier.

The information in this document should be made available to all who may handle the product

This information is based on data believed by Kiwicare Corporation Limited to be accurate at the time of writing. It is given in good faith but no warranty expressed or implied is made as to its accuracy, completeness or otherwise. Every person dealing with the materials referred herein does so at their own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.

Attention is drawn to the application and safety instructions set out on the label. This sheet is not a substitute for safety, hazard or application instructions set out on the label. As Kiwicare Corporation Limited and their distributors have no control over storage or use of this product no liability for accident or damage will be accepted.

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