

SAFETY DATA SHEET

Product Name: NO Ants Liquid Bait Station

Issue Date: 12/01/2018

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1. PRODUCT AND COMPANY INFORMATION

Product Name:	NO Ants Liquid Bait Station
Relevant identified uses:	Insecticidal liquid bait
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:	0800 764 766 (0800 POISON)
National Poisons Centre:	0800 764 766 (0800 POISON)

2. HAZARDS IDENTIFICATION

HSNO Hazard Classification	Transport of Dangerous Goods Pictogram	GHS Pictogram	Signal word	Hazard statement code	Precautionary statement codes			
					Prevention	Response	Storage	Disposal
6.8B	Not applicable for the UN RTDG Model Regulations		Warning	H361	P103 ^b P201 P202 P281	P308 + P313	P405	P501
6.9B (Repeated exposure)	Not applicable for the UN RTDG Model Regulations		Warning	H373	P103 ^b P260	P314	No storage statements	P501
9.1D	Not applicable for the UN RTDG Model Regulations	No Pictogram	No Signal Word	H401 ^r /H402 ^r / H413 ^p	P103 ^b P273	No response statements	No storage statements	P501

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Dangerous Goods:	Not dangerous goods; signal word = Warning
Packaging Group:	None
Hazardous Substance (HSNO) Codes:	6.8B (Suspected human reproductive toxicant) 6.9B (May be harmful to human target organs) 9.1D (Slightly harmful in the aquatic environment)
Hazard Statement:	H361: Suspected of damaging fertility or the unborn child. H373: May cause damage to organ through repeated exposure. H413: May Cause long lasting harmful effects to aquatic life.
Precautionary Statements:	P101: If medical advice is needed, have product container or label at hand. P102: Keep it 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. P260: Do not breathe dust. P273: Avoid release to the aquatic environment. P281: Use personal protective equipment as required. P314: Get medical advice if you feel unwell. P308+313: IF exposed or concerned: Get medical advice/ attention. P405: Store locked up. P501: In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Recommended Use: Insecticide liquid bait

Appearance: Red / Brown low viscosity liquid

Ingredients

Ingredients	CAS #	Content %
Boric Acid	10043-35-3	< 5%
Sodium Borate	1330-43-4	< 5%
Glycerine	56-81-5	~ 20%
Other ingredients	NA (Mixture)	To 100%

4. FIRST AID MEASURES

General information: In case of accident, or if you feel unwell, seek medical advice (show the label where possible).

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: Unlikely to cause eye irritation. 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.

Inhalation: Unlikely to be inhaled. Unlikely to cause irritation of upper respiratory tract; but if ill effects starts, call a doctor. Seek immediate medical attention.

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4. FIRST AID MEASURES

Skin Contact:	Unlikely to cause skin irritant. Avoid contact with skin. If skin contact occurs wash off with soap and water. If skin irritation occurs get medical advice.
Notes to Physician:	None allocated.

5. FIRE FIGHTING MEASURES

Specific Hazards:	Clear fire area of all non-emergency personnel.
Suitable Extinguishing Media:	Water spray, foam, CO ₂ , 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

Environmental precautions:	Prevent leakage or spillage if safe to do so.
Minor Spills (Up to 20 kg):	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.

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6. ACCIDENTAL RELEASE MEASURES

Major Spills (more than 20 kg):

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.

7. HANDLING AND STORAGE

Precautions for safe handling:

Wear appropriate PPE as detailed in Section 8. Keep out of reach of children. Read label before use.

Conditions for safe Storage including incompatibilities & Packaging:

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.

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.

Protection against fire and explosion:

Keep away from heat sources even though the product is not combustible. The product is not explosive. Keep away from oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards:

See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices 8th edition)

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Use in a well ventilated area and avoid breathing the substance.
Hand protection:	Suitable chemical resistant gloves are recommended for applicants.
Eye protection:	Wear safety glasses or full face shield if splashes are likely to occur.
Body protection:	Avoid all personal contact. Read label before use. Keep out of reach of children. Do not eat, drink or smoke when using this product. Wear protective gloves, face and eye protection. Wash exposed skin and contaminated clothing with soap and water after use. Wash hands after use and before, using tobacco products, or toilet facilities.
General safety and hygiene measures:	Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Avoid contact with the skin, eyes and clothing. Store work clothing separately.
Environmental Exposure Controls:	Minimise release to the environment. An environmental assessment must be made to ensure compliance with local environmental legislation.

G Substance	CAS #	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Glycerin (mist)	[56-81-5]		10		

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	Red / Brown low viscosity liquid
Solubility:	Soluble
Specific Gravity:	1.20 – 1.30 kg/L
Boiling Point:	>100 °C

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9. PHYSICAL AND CHEMICAL PROPERTIES

Flash Point:	> 93 °C
pH Value:	No data
Explosion Hazard:	No explosion hazard
Formula:	Boric acid and its conjugate base buffer system
Exposure Standards (TLV-TW):	Refer to section 8
Engineering Controls:	Refer to section 8

10. STABILITY AND REACTIVITY

Stability & Chemical reactivity:	Stable under normal conditions of use.
Incompatibility:	Avoid strong oxidising agents.
Corrosive Properties:	None corrosive.
Thermal Decomposition:	In fire product may release carbon monoxide and irritant fumes.
Hazardous polymerisation:	Will not occur.

11. TOXICOLOGICAL INFORMATION

For the active ingredient:

Boric acid (10043-35-3):	6.1E (o); 6.3B; 6.4A; 6.8B; 9.1D. LD ₅₀ = 2668 mg/kg (mouse)
Sodium borate (1330-43-4):	6.1D (o); 6.4A; 6.8B; 9.1D; 9.3C. LD ₅₀ = 1660 mg/kg (rat)

For the substance (final product):

Ingestion:	No oral toxicity; LD ₅₀ > 5000 mg/kg. The U.S. EPA considers boric acid to be low in acute toxicity based on studies in rats.
Inhalation:	Unlikely to be inhaled.

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11. TOXICOLOGICAL INFORMATION

Skin corrosion/irritation:	It is unlikely to cause skin damage or irritation.
Serious eye damage/eye irritation:	It is unlikely to cause eye damage or irritation.
Respiratory or skin sensitization:	It is unlikely to cause an allergic skin reaction.
Germ cell mutagenicity:	Not mutagenic.
Carcinogenicity:	Not carcinogenic.
Reproductivity:	Suspected to be a reproductive toxicant.
Acute Toxicity:	Acute oral & dermal LD ₅₀ > 5000 ppm
Chronic Toxicity:	May cause human target organ toxicity via repeated exposure. Long-term studies on oral exposure to these compounds in dogs has shown a NOAEL of 8.8 mg boron/kg-day with testicular atrophy and spermatogenic arrest being seen at the LOAEL of 29.2 mg boron/kg-day. In similar studies in rats, the NOAEL was found to be 17.5 mg B/kg-day and testicular effects were noted at 17.5 mg boron/kg-day.

12. ECOTOXICITY INFORMATION

Ecological information of substance:	9.1D slightly harmful in the aquatic environment. [Sodium borate: 48 hours LC ₅₀ (Daphnia water flea) = 141 mg/L]
Rapid degrade & Bioaccumulative:	Sodium borate is not bioaccumulative and no data for its rapid degradability. Therefore, the substance is not likely to be bioaccumulative.
Soil toxicity:	No soil toxicity.

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13. DISPOSAL CONSIDERATIONS

Waste treatment – recommendation:	In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001.
Container Disposal:	Rinse out empty containers and do not use for any other purpose. Dispose of in general waste.
Product Disposal:	<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. Rinse out empty containers and do not use for any other purpose.</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>

14. TRANSPORT INFORMATION

Road, Rail, Marine and Air

UN Number:	None
Dangerous Goods Class:	Not dangerous goods. Not restricted for transport. (HSNO ADR/RID; IMDG; IATA/ICAO)
Hazchem Code:	None
Packaging Group:	None
Proper Shipping Name:	None
Segregation:	None

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15. N.Z. REGULATORY INFORMATION

EPA HSNO Number:	HSR000818
HSNO Classifications:	6.8B (Suspected human reproductive toxicant) 6.9B (Harmful to human target organs via repeated exposure) 9.1D (Slightly Harmful in the aquatic environment)
HSNO Controls:	Refer to HSR000818

16. OTHER INFORMATION

SDS date of preparation:	13 / 09 / 2017
SDS date of revision:	13 / 09 / 2022
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 five 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. For proper and safe use of this product, please refer to the product label.

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.

Abbreviations:

ACVM: Agricultural Compounds and Veterinary Medicines (in relation to Group or Act 1997)

ADR: European agreement concerning the international carriage of dangerous goods by road.

CLP: Classification, Labelling and Packaging

CAS number: Chemical Abstract Services Number

HSNO: Hazardous Substances and New Organisms (legislation 1996)

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

GHS: Global Harmonized System

EU: European Union

EC: European Commission

TLV: Threshold Limit Value

TWA: Time weighted Average

STEL: Short-Term Exposure Limit

H Phrase: Hazard phrase

P Phrase: Precautionary phrase

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