

SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 1 of 13



KIWICARE®

1. PRODUCT AND COMPANY INFORMATION

| | |
|-------------------------------|--|
| Chemical/Product Name: | NO Cockroaches Concentrate |
| Recommended uses: | Insecticide |
| Restrictions on Use/Supply | The substance must not be applied onto or into water. |
| 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) |

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SAFETY DATA SHEET












Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 2 of 13



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 |
| 3.1B |  |  | Danger | H225 | P103 P210 P242 P243 P280 | P303+P361+P353 P370+P378 | P403+P235 | P501 |
| 6.1E (oral) | Not applicable for the UN RTDG Model | No pictogram | Warning | H303 | P102 P103 | P101 P312 | No storage statement | P501 |
| 6.4A | Not applicable for the UN RTDG Model |  | Warning | H319 | P103 P264 P280 | P305+P351+P338 P337+P313 | No storage statement | P501 |
| 6.5A | Not applicable for the UN RTDG Model |  | Danger | H334 | P103 P261 P285 | P304+P341 P342+P311 | No storage statement | P501 |
| 6.5B | Not applicable for the UN RTDG Model |  | Warning | H317 | P103 P261 P272 P280 | P302+P352 P333+P313 P321 P363 | No storage statement | P501 |
| 6.8B | Not applicable for the UN RTDG Model |  | Warning | H361 | P103 P201 P202 P281 | P308+P313 | P405 | P501 |
| 6.9B (single exposure) | Not applicable for the UN RTDG Model Regulations |  | Warning | H371 | P103 P260 P264 P270 | P309+P311 | P405 | P501 |
| 6.9B (repeated exposure) | Not applicable for the UN RTDG Model Regulations |  | Warning | H373 | P103 P260 | P314 | No storage statements | P501 |
| 9.1A |  |  | Warning | H400 | P103 P273 | P391 | No storage statements | P501 |
| 9.4B | Not applicable for the UN RTDG Model Regulations |  | No signal word | H442 | P103 P273 | P391 | No storage statement | P501 |

Signal word:

DANGER

Dangerous Goods:

Dangerous Goods (Class 3)

Packaging Group:

III

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SAFETY DATA SHEET

KIWICARE®

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 3 of 13

Hazardous Substance (HSNO) Codes: 3.1B, 6.1E (oral), 6.4A, 6.5A, 6.5B, 6.8B, 6.9B (single exposure), 6.9B (repeated exposure), 9.1A, 9.4B

Pictograms:



Hazard Statement:

H225: Highly flammable liquid and vapour.

H303: May be harmful if swallowed.

H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H317: May cause an allergic skin reaction.

H361: Suspected of damaging fertility or the unborn child

H371: May cause damage to organs

H373: May cause damage to organs through prolonged or repeated exposure

H400: Very toxic to aquatic life.

H442: Toxic to terrestrial invertebrates.

Precautionary Statements:

P103: Read label before use

P210: Keep away from heat/sparks/open flames. No smoking.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P280: Wear protective gloves/protective clothing/eye protection and face protection

P102: Keep out of reach of children.

P264: Wash exposed skin thoroughly after handling.

P261: Avoid breathing fume and vapours

P285: In case of inadequate ventilation wear respiratory protection.

P271: Use only outdoors or in a well-ventilated area.

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 4 of 13

KIWICARE®

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P281: Use personal protective equipment as required.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P370+P378: In case of fire: Use chemical foam for extinction

P101: If medical advice is needed, have product container or label at hand.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P304+P341: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse.

P308+P313: IF exposed or concerned: Get medical advice/ attention.

P309+P311: IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.

P314: Get medical advice/attention if you feel unwell.

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 5 of 13

KIWICARE®

P391: Collect spillage.

P403+P235: Store in a well-ventilated place.
Keep cool.

P405: Store locked up.

P501: For the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. In general, dispose the unused product at an approved landfill and dispose the triple rinsed package with domestic rubbish

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance: White Liquid

Ingredients

| Ingredients | CAS # | Content % |
|---|--------------|-----------|
| Permethrin | 52645-53-1 | <5 |
| Octanol | 111-87-5 | <20 |
| Monopropylene Glycol | 57-55-6 | <80 |
| Wetting agent | 9016-45-9 | <10 |
| Non specified non-hazardous 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: Rinse mouth. Do NOT induce vomiting. Seek medical advice or call NZ Poisons Centre on 0800 764 766. If medical advice is needed have product label at hand.

Eye Contact: 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.

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 6 of 13

KIWICARE®

4. FIRST AID MEASURES

| | |
|-----------------------------|--|
| Skin Contact: | Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse |
| Inhalation: | If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. |
| Advice for Medical Doctors: | Treat symptomatically. |

5. FIRE FIGHTING MEASURES

| | |
|-----------------------------------|--|
| HAZCHEM code: | 3ZE |
| Specific Hazards: | None. Minimise the use of water to prevent environmental contamination. |
| Suitable Extinguishing Media: | Appropriate fire extinguishers are Powder or Alcohol resistant foam. Use extinguishing media appropriate to the surrounding conditions. |
| Fire Fighting Advice: | Fire fighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715/1716). Bund area with sand or earth to prevent contamination of drains or waterways. Dispose of fire control water or other extinguishing agent and spillage safely later. |
| Hazardous Products of Combustion: | No data |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| Personal precautions, protective equipment, and emergency procedures: | Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8. |
|---|---|

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 7 of 13

KIWICARE®

6. ACCIDENTAL RELEASE MEASURES

| | |
|---------------------------------|--|
| Environmental precautions: | Prevent leakage or spillage if safe to do so. |
| Minor Spills (Up to 20 kg): | 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. |
| Major Spills (more than 20 kg): | <p>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.</p> <p>Collect in an appropriate sealable container for disposal in an approved landfill or incinerate at an authorised installation.</p> |

7. HANDLING AND STORAGE

| | |
|--|--|
| Precautions for safe handling: | Avoid prolonged or repeated contact with skin and eye. Avoid inhaling vapour. Always use good personal hygiene procedures when handling this product. Wash hands and face before eating, drinking or smoking. Clean equipment after use. Do not contaminate drains, sewers or waterways. |
| Conditions for safe Storage including incompatibilities: | Keep out of the reach of children. 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. |
| Protection against fire and explosion: | Keep away from heat sources and sources of ignition. The product is not explosive. |

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 8 of 13

KIWICARE®

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|--------------------------------------|--|
| Exposure Standards: | See 'Exposure limits' below (Workplace Exposure Standards and Biological Exposure Indices 11 th edition) |
| Engineering Controls: | No special requirements when used as recommended. |
| Hand protection: | If repeated or prolonged contact wear chemical resistant gloves. |
| Eye protection: | If there is significant potential for contact, wear safety goggles. |
| Body protection: | Skin protection not ordinarily required beyond standard issue work clothes. |
| Respiratory Protection: | No special requirement when used as recommended. |
| General safety and hygiene measures: | Handle in accordance with good hygiene and safety practice. Wearing of closed work clothing is recommended. Minimise contact with the skin, eyes and clothing. Store work clothing separately. |
| Environmental Exposure Controls: | Minimise release to the environment. For bulk storage, an environmental assessment must be made to ensure compliance with local environmental legislation. |

Exposure Standards:

| Substance | Cas # | TWA | | STEL | |
|----------------|-------|-----|-------------------|------|-------------------|
| | | ppm | mg/m ³ | ppm | mg/m ³ |
| Not applicable | | | | | |

Additional NZ EPA controls:

| Code | Section of HSNO Act | Control |
|-------|---------------------|---|
| Water | 77A | The substance must not be applied onto or into water. |

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 9 of 13

KIWICARE®

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|--------------------------------|
| Appearance: | White to straw coloured liquid |
| Odour: | Octanol odour |
| Odour Threshold: | No data |
| pH Value: | Not applicable |
| Melting/freezing point: | No data |
| Boiling point (range): | >188 °C |
| Flash Point: | 98 °C |
| Flammability: | Not applicable |
| Explosive limits: | No data |
| Vapour pressure: | No data |
| Vapour density: | No data |
| Relative density: | 0.79-0.80 |
| Solubility: | Emulsifiable |
| Partition coefficient: | No data |
| Auto-ignition temperature: | No data |
| Decomposition temperature: | No data |
| Viscosity: | No data |

10. STABILITY AND REACTIVITY

| | |
|-------------------------------------|--|
| Stability & Chemical reactivity: | Stable under normal conditions of use. Not explosive or oxidising. |
| Chemical/material Incompatibilities | None known |
| Conditions to be avoided: | Avoid excessive heating or sources of ignition |
| Thermal Decomposition: | Hazardous products of combustion; see section 5 for details. |

We are Kiwis providing expert local solutions that keep your place pest free and your garden healthy.

SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 10 of 13

KIWICARE®

11. TOXICOLOGICAL INFORMATION

| | |
|--|---|
| Hazard Classes | 3.1B, 6.1E (oral), 6.4A, 6.5A, 6.5B, 6.8B, 6.9B (single exposure), 6.9B (repeated exposure), 9.1A, 9.4B |
| Acute Toxicity: | Acute oral LD ₅₀ = 1479-4672 mg/kg (rat). Acute dermal LD ₅₀ >2000 mg/kg (rat) |
| Aspiration hazard | May cause irritation on inhalation of mist, gas, or vapour |
| Skin corrosion/irritation: | Repeated or prolonged exposure may cause skin irritation or dermatitis, due to degreasing properties of the product |
| Serious eye damage/irritation: | Eye irritation |
| Respiratory or skin sensitisation: | May cause respiratory irritation |
| Germ cell mutagenicity: | No data available |
| Carcinogenicity: | IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| Reproductive toxicity: | Suspected of damaging fertility or the unborn child. |
| Specific organ toxicity – single exposure: | No data available |
| Specific organ toxicity – repeated exposure: | No data available |
| Narcotic effects: | No data available. |

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 11 of 13

KIWICARE®

12. ECOTOXICITY INFORMATION

| | |
|--------------------------------------|---|
| Ecological information of substance: | Very Toxic to aquatic life. Contains Pyrethroids which are toxic to fish and other aquatic invertebrates. Do not contaminate waterways, sewers, or drains when using product or packaging. Rainbow trout, LC50 (96 hr) 0.62 µg/L |
| Bioaccumulation potential: | No data |
| Soil Toxicity and degradability: | No data |
| Mobility in soil | No data |

13. DISPOSAL CONSIDERATIONS

| | |
|-----------------------------------|---|
| Waste treatment – recommendation: | Any appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Notice 2017. |
| Container Disposal: | Empty containers can be recycled or sent to landfill after cleaning if in compliance with local and national regulations. DO NOT reuse containers. |
| Methods of disposal to avoid | Do not empty down stormwater system |

14. TRANSPORT INFORMATION

Road, Rail; Marine and Air:

| | |
|---------------------------|--|
| UN Number: | 1993 |
| UN Dangerous Goods Class: | Class 3 |
| Hazchem Code: | 3ZE |
| UN Packaging Group: | III |
| UN Proper Shipping Name: | FLAMMABLE LIQUID, N.O.S (Contains Permethrin, Octanol) |

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 12 of 13



KIWICARE®

15. N.Z. REGULATORY INFORMATION

| | |
|-----------------------|---|
| HSNO approval Number: | HSR000265 |
| HSNO Classifications: | 3.1B, 6.1E (oral), 6.4A, 6.5A, 6.5B, 6.8B, 6.9B (single exposure), 6.9B (repeated exposure), 9.1A, 9.4B |
| HSNO Controls: | Refer to HSR000265 |
| Other Controls | NA |

16. OTHER INFORMATION

SDS date of preparation: 09 / 07 / 2020

SDS date of revision: 09 / 07 / 2025

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 of the starting material.

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:

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

CLP: Classification, Labelling and Packaging

IMDG: International Maritime Dangerous Goods.

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SAFETY DATA SHEET

Product Name: NO Cockroaches Concentrate

Print/View Date: 9/07/2020

Page 13 of 13



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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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