

SAFETY DATA SHEET

Product Name: NO Flies Concentrate

Print/View Date: 9/07/2020

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1. PRODUCT AND COMPANY INFORMATION

Chemical/Product Name:	NO Flies 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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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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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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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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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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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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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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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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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 avoid:	Avoid excessive heating or sources of ignition
Thermal Decomposition:	Hazardous products of combustion; see section 5 for details.

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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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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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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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The logo for KIWICARE, featuring the word "KIWICARE" in a bold, white, sans-serif font with a registered trademark symbol (®) to the upper right. The text is set against a solid black rectangular background.

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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