

SAFETY DATA SHEET

Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name: ECO-GUARD FLYING INSECT HORSE SPRAY
PMRA Registration No. 30943
Product Description: PMRA Registered Pesticide

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s): Use product for its intended purpose as pesticide. See label.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Name: Ur-Can Inc.
Address: 2720 Couch Road, Putnam, Ontario, N0L 2B0
Website: <https://nu-tec.com/ur-can/>

1.4 Emergency telephone number

Emergency Telephone: CHEMTREC: +1 (800) 424-9300 (within the US) or +1 (703) 527-3887 (outside the US)

Section 2 – Hazard(s) Identification

2.1. Classification of the substance or mixture

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

Health	Environmental	Physical
Skin Sensitization (Category 1)	None	None

2.2. Label elements

Label Pictogram:



Signal Word: Warning

Hazard Statements	Precautionary Statements
H317: May cause an allergic skin reaction	P261: Avoid breathing dust/fume/gas/mist/vapours/spray
	P272: Contaminated work clothing should not be allowed out of the workplace
	P280: Wear protective gloves
	P302+P352: IF ON SKIN: Wash with plenty of water
	P333+P313: If skin irritation or rash occurs: Get medical advice/attention
	P321: Specific treatment (see label)
	P362+P364: Take off contaminated clothing and wash it before reuse
	P501: Dispose of contents/container in accordance with local/regional/national regulations

2.3. Other hazards

- This product is considered a hazardous mixture under Canada's Workplace Hazardous Materials Information System (WHMIS) 2015 legislation.

Section 3 – Composition / Information on Ingredients

Mixture

<u>Chemical Name</u>	<u>CAS No.</u>	<u>% Weight*</u>
Deionized water	7732-18-5	98.25
Pramex [®] 40 MFG Concentrate	Mixture	1.25
Permethrin	52645-53-1	40
Solvent naphtha, petroleum, light aromatic	64742-95-6	15-40
1,2,4-Trimethylbenzene	95-63-6	10-30
Tween 80	9005-65-6	0.2
Proxel [®] GXL Biocide	Mixture	0.1
d-limonene	5989-27-5	0.1
Lemongrass oil	8007-02-1	0.1

*May contain ingredients not listed in the table that are non-hazardous and/or present at <0.1%

Section 4 – First Aid Measures

4.1 Description of first aid measures

Eye contact: Remove contact lenses, if worn, and flush with plenty of water for at least 15 minutes. Seek medical attention if symptoms occur and persist.

Skin contact: If on skin or hair take off immediately all contaminated clothing. Discard contaminated clothing or wash it before reuse. Rinse skin with water (or shower). Seek medical attention if symptoms occur and persist.

Inhalation: Immediately remove person to fresh air and keep comfortable for breathing. If not breathing or breathing is irregular, give artificial respiration or oxygen. Seek medical advice/attention if you feel unwell.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Seek medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- Treat symptomatically. Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

- None known

Section 5 – Fire Fighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media: Do not use water jet as this may spread the fire.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards: Closed containers may rupture if exposed to excess heat or flame due to a build-up of internal pressure. Decomposition products of combustion may include but are not limited to: carbon dioxide, carbon monoxide, nitrogen oxides, and other hazardous gases. See also Section 10 - Stability and Reactivity.

5.3 Advice for firefighters

- Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Use standard firefighting procedures and consider the hazards of other materials involved in the fire. Evacuate personnel to safe areas. Move containers from fire area if safe to do so.

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment (PPE) and emergency procedures

Personal Precautions: Observe PPE advice in Section 8 – Exposure Controls/Personal Protection

Emergency Procedures: Not available

6.2 Environmental precautions:

- Avoid dispersal of spilled material. Collect spillage. Prevent entry and contact with soil, drains, sewers, and waterways. Inform relevant local/regional/national/international authorities.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures: Contain spill if safe to do so. Ventilate the area. Do not let waste enter the environment. Contain and absorb spilled liquid with non-combustible, inert absorbent material (e.g. sand), then place absorbent material into a container for later disposal. Dispose of contents/container in accordance with local/regional/national/international regulations.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 – Disposal Considerations.

Section 7– Handling and Storage

7.1 Precautions for safe handling

- Use in a well-ventilated location. Do not eat, drink, or smoke when handling this product. Do not get in eyes, skin, or on clothing. Wash hands/skin thoroughly after handling.
- Refer to Section 8.3 - Exposure Controls/Personal Protection

7.2 Conditions for safe storage, including any incompatibilities Storage

- Container must be properly labeled. Keep container tightly closed and store in a cool, dry, well-ventilated area.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8– Exposure Controls / Personal Protection

8.1 Control Parameters:

None available

8.2 Exposure Controls:

Appropriate engineering controls

- Provide exhaust ventilation or other engineering controls to limit airborne concentration of vapours. An eyewash station and safety shower should be made available in the immediate working area. Use explosion-proof electrical and ventilating equipment.

8.3 Personal Protective Equipment

Respiratory: Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use a NIOSH/MSHA approved respirator and filter cartridge authorized by regulatory standards.

Eyes/Face: Wear eye/face protection. Wear safety glasses with side shields. If necessary, refer to appropriate regulatory standards.

Hands/Skin: Wear protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Body: Wear protective clothing to prevent skin contact, such as coveralls or long sleeved shirt, long pants, and shoes and socks.

Thermal Hazards: None known

Environmental Exposure Controls: Not available

Section 9 – Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Pressurized spray

Color: Not available

Odor: Not available

Odor threshold: Not available

pH: Not available

Melting point: Not available

Boiling point: Not available

Flashpoint: Not available

Evaporation rate: Not available

Flammability: Not available

Upper/lower flammability limits: Not available

Vapor pressure: Not available

Vapor density: Not available

Relative density: Not available

Solubility in water: Not available

Solubility in other solvents: Not available

Partition coefficient (log Kow): Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

Explosive properties: Not available

Oxidising properties: Not available

9.2 Other information

No further information available

Section 10 – Stability and Reactivity

10.1 Reactivity

- This product is stable and non-reactive under normal handling and storage conditions.

10.2 Chemical stability

- This product is stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions

- Hazardous polymerization does not occur

10.4 Conditions to avoid

- Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials.

10.5 Incompatible materials

- Strong acids and bases, oxidizing agents, reducing agents.

10.6 Hazardous decomposition products

- Carbon dioxide, carbon monoxide, nitrogen oxides, and other hazardous gases.

Section 11 – Toxicological Information

Likely routes of exposure: Skin and eye contact, inhalation

Potential signs and symptoms: Symptoms may include redness, edema, cracking, and allergic reaction of the skin.

Acute oral toxicity:	Based on available data the classification criteria are not met
Acute dermal toxicity:	Based on available data the classification criteria are not met
Acute inhalation toxicity:	Based on available data the classification criteria are not met
Skin corrosion/irritation:	Based on available data the classification criteria are not met
Serious eye damage/irritation:	Based on available data the classification criteria are not met
Respiratory or skin sensitization:	May cause an allergic skin reaction (Category 1)
Mutagenicity:	Based on available data the classification criteria are not met
Carcinogenicity:	Permethrin (CAS No. 52645-53-1) and d-limonene (CAS No. 5989-27-5) are classified as Group 3 (not classifiable as to its carcinogenicity to humans). No other components in this product are classified with respect to carcinogenicity by the IARC, NTP, and ACGIH.
Reproductive Toxicity:	Based on available data the classification criteria are not met
Specific target organ toxicity (single exposure):	Based on available data the classification criteria are not met
Specific target organ toxicity (repeated exposure):	Based on available data the classification criteria are not met
Aspiration hazard:	Based on available data the classification criteria are not met

Section 12 – Ecological Information

12.1 Toxicity

- This product is not considered toxic to aquatic organisms. The primary component is water; all other components are present at less than 1%.

12.2 Persistence and degradability

- No data available

12.3 Bioaccumulative potential

- No data available

12.4 Mobility in Soil

- No data available

12.5 Results of PBT and vPvB assessment

- No data available

12.6 Other adverse effects

- No further data available

Section 13 – Disposal Considerations

13.1 Waste treatment methods

Preparing wastes for disposal: Use product for its intended purpose or recycle if possible. Waste disposal must be in accordance with local, regional, national, and/or international regulations. See also Section 7.

Section 14 – Transport Information

	TDG	IMO/IMDG	ICAO/IATA
14.1 UN number	Not applicable	Not applicable	Not applicable
14.2 UN proper shipping name	Not applicable	Not applicable	Not applicable
14.3 Transport hazard class(es):	Not applicable	Not applicable	Not applicable
14.4 Packing group	Not applicable	Not applicable	Not applicable
14.5 Environmental hazards	None	None	None
14.6 Special precautions for user	None	None	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable	Not applicable	Not applicable

Section 15 – Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

United States

Federal Regulations:

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA):

No components in this product are listed under CERCLA.

Clean Water Act (CWA): No components in this product are listed as toxic pollutants.

Clean Air Act (CAA): No components in this product are listed as hazardous air pollutants.

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA 302 Components: No components in this product are subject to reporting requirements of S.302.

SARA 311/312 Hazards: Acute Health Hazard

SARA 313 Components: This product contains permethrin (CAS No. 52645-53-1) and 1,2,4-Trimethylbenzene (CAS No. 95-63-6) which are subject to reporting level established by S313. No other components in this product are subject.

Toxic Substances Control Act (TSCA): This product contains solvent naphtha, petroleum, light aromatic (CAS No. 64742-95-6), 1,2,4-Trimethylbenzene (CAS No. 95-63-6), Tween 80 (CAS No. 9005-65-6), d-limonene (CAS No. 5989-27-5), and lemongrass oil (CAS No. 8007-02-1) which are listed on the non-confidential TSCA inventory. Proxel® GXL Biocide is a mixture and is not specifically listed on the non-confidential TSCA inventory. Permethrin (CAS No. 52645-53-1) is not listed on the non-confidential TSCA inventory.

State Regulations:

California: No components in this product are listed under Proposition 65 (CA Health & Safety Code Section 25249.5).

Massachusetts: This product contains permethrin (CAS No. 52645-53-1) which is listed under the Right to Know Act (RTK). No other components are listed under the RTK.

New Jersey: This product contains permethrin (CAS No. 52645-53-1) and 1,2,4-trimethylbenzene (listed as psuedocumene; CAS No. 95-63-6) which is listed under the RTK. No other components are listed under the RTK.

Pennsylvania: This product contains 1,2,4-trimethylbenzene (listed as psuedocumene; CAS No. 95-63-6) which is listed under the RTK. No other components are listed under the RTK.

Canada

Canadian Environmental Protection Act (CEPA): No components in this product are listed on the Priority Substances

List. This product contains solvent naphtha, petroleum, light aromatic (CAS No. 64742-95-6), Tween 80 (CAS No. 9005-65-6), d-limonene (CAS No. 5989-27-5), and lemongrass oil (CAS No. 8007-02-1) which are listed on the Domestic Substances List (DSL). No other components were found on either list.

National Pollutant Release Inventory (NPRI): This product contains solvent naphtha, petroleum, light aromatic (CAS No. 64742-95-6), 1,2,4-trimethylbenzene (CAS No. 95-63-6), and d-limonene (CAS No. 5989-27-5) which are subject to reporting requirements. No other components in this product are subject to reporting requirements.

International:

IARC: Permethrin (CAS No. 52645-53-1) and d-limonene (CAS No. 5989-27-5) are classified as Group 3 (not classifiable as to its carcinogenicity to humans). No other components in this product are classified with respect to potential carcinogenicity.

15.2 Chemical Safety Assessment

- None available for the components in this product

Section 16 – Other Information

List of acronyms and abbreviations

ACGIH: American Conference of Governmental Industrial Hygienists	LC50: Lethal Concentration, 50%
ADR: International Carriage of Dangerous Goods by Road	LD50: Lethal Dose, 50%
ADNR: Regulation for the carriage of dangerous substances on the Rhine	MARPOL: Maritime Pollution
CAA: Clean Air Act	NTP: National Toxicology Program
CAS: Chemical Abstract Service Number	PBT: Persistent, Bioaccumulative and Toxic
CERCLA: Comprehensive Environmental Response and Liability Act	PPE: Personal Protective Equipment
CWA: Clean Water Act	RID: International rule for transport of dangerous
DSL: Domestic Substances List	RTK: Right to Know
ECHA: European Chemicals Agency	REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
EPCRA: Emergency Planning and Community Right To Know Act	SARA: Superfund Amendment and Reauthorization Act
GHS: Global Harmonized System	SCBA: Self-contained Breathing Apparatus
HEPA: High Efficiency Particulate Air	SDS: Safety Data Sheet
HSDB: Hazardous Substances Data Bank	TLV: Threshold Limit Value
IBC: International Bulk Chemical	TSCA: Toxic Substances Control Act
IARC: International Agency for Research on Cancer	TWA: Time Weighted Average
IATA: International Air Transport Association	UN: United Nations
ICAO: International Civil Aviation Organization	vPvB: very Persistent, very Bioaccumulative
IMDG: International Maritime Dangerous Goods	WHMIS: Workplace Hazardous Materials Information System
IMO: International Maritime Organization	

References:

- European Chemicals Agency (ECHA) Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- European Chemicals Agency Classification and Labelling (C&L) Inventory Database
- United States National Toxicology Program (NTP)
- United States National Library of Medicine’s Hazardous Substances Data Bank (HSDB)

Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Revision Indicator: This is a new Safety Data Sheet.

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