



Safety Data Sheet

according to WHS Regulations

Printing date 26.08.2021

Revision: 23.08.2021

1 Identification

Product Name: AbolishPRO Cockroach Gel

Other Means of Identification: Mixture

Recommended Use of the Chemical and Restriction on Use: Insecticide

Details of Manufacturer or Importer:

Sundew Solutions Pty Ltd
11/4 Dunlop Court
Bayswater, VIC 3153
Australia

Phone Number: 1800 786 339

Emergency telephone number: 1800 786 339

2 Hazard(s) Identification

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Aquatic Acute 3 H402 Harmful to aquatic life.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

Signal Word None

Hazard Statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

| | | |
|------------------|---|------|
| CAS: 173584-44-6 | Indoxacarb (ISO) | 0.6% |
| | <p>⚠ Acute Toxicity (Oral) 3, H301; ⚠ STOT RE 1, H372; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Acute Toxicity (Inhalation) 4, H332; Skin Sensitisation 1B, H317</p> | |

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if breathing problems develop.

Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Do not scrub the skin. Seek medical attention if symptoms occur.

Eye Contact:

In case of eye contact, rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Do not allow victim to rub eyes or keep eyes closed. Seek medical attention if symptoms occur.

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Ingestion: If swallowed, do not induce vomiting. Seek medical attention immediately.

Symptoms Caused by Exposure:

Inhalation: Large quantities may cause respiratory irritation, and nonspecific symptoms as headache, dizziness, weakness, and nausea. Impaired mobility and tremors have been observed in laboratory studies.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: Exposure to large quantities may result in similar symptoms to that of inhalation.

5 Fire Fighting Measures

Suitable Extinguishing Media:

Water fog, fine spray, foam, dry chemical powder, or carbon dioxide. Do not use water stream directly as this may spread fire or give a violent steam eruption.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include acrid smoke and toxic fumes containing carbon oxides, nitrogen oxides, and hydrogen fluorides.

Product is not flammable but may burn in a fire.

Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.

Prevent run-off from fire fighting measures from entering drains or water courses.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate personal protective equipment. Evacuate all non-essential personnel from affected area, and warn occupants of downwind areas.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so, and collect with a shovel or scraper into a suitable container for disposal.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours and dusts. Use only outdoors or in a well-ventilated area. Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area. Keep in original container, tightly closed when not in use. Protect from direct sunlight, heat, and sources of ignition. Keep away from strong acids, bases, and oxidising and reducing agents. Do not store with foodstuffs, feedstuffs, fertilisers, and seeds.

8 Exposure Controls and Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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Engineering Controls:

Provide exhaust ventilation or other engineering controls if large quantities are being handled.

Respiratory Protection:

Use a P2 disposable face mask if large quantities are being handled. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Chemical resistant gloves (such as nitrile or neoprene) are recommended. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing, such as long sleeves, long trousers/coveralls, and enclosed footwear or safety boots (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Wear safety glasses or chemical goggles. See Australian/New Zealand Standard AS/NZS 1337 for more information. Contact lenses are not recommended.

9 Physical and Chemical Properties

Appearance:

| | |
|---|-------------------------------|
| Form: | Opaque paste |
| Colour: | No information available |
| Odour: | No information available |
| Odour Threshold: | No information available |
| pH-Value: | 5.0-6.0 |
| Melting point/freezing point: | No information available |
| Initial Boiling Point/Boiling Range: | No information available |
| Flash Point: | >100 °C |
| Flammability: | Not flammable |
| Ignition Temperature | No information available |
| Auto-ignition Temperature: | No information available |
| Decomposition Temperature: | No information available |
| Explosion Limits: | |
| Lower: | No information available |
| Upper: | No information available |
| Vapour Pressure: | No information available |
| Density: | No information available |
| Relative Density: | No information available |
| Vapour Density: | No information available |
| Evaporation Rate: | No information available |
| Solubility in Water: | Miscible - forms a suspension |
| Partition Coefficient (n-octanol/water): | No information available |
| Viscosity: | No information available |

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.**Chemical Stability:** Stable at ambient temperature and under normal conditions of storage and use.**Conditions to Avoid:** Protect from direct sunlight, heat, and sources of ignition.

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Incompatible Materials: Incompatible with strong acids, bases, and oxidising and reducing agents.

Hazardous Decomposition Products:

Hazardous combustion products include acrid smoke and toxic fumes containing carbon oxides, nitrogen oxides, and hydrogen fluorides.

11 Toxicological Information

Toxicity:

LD50/LC50 Values Relevant for Classification:

CAS: 173584-44-6 Indoxacarb (ISO)

| | | |
|------------|----------|-----------------------------|
| Oral | LD50 | 1,867 mg/kg /male (rat) |
| Dermal | LD50 | >5,000 mg/kg (rat) |
| Inhalation | LC50/4 h | >5.6 mg/l /(dust/mist (rat) |

Acute Health Effects

Inhalation:

Large quantities may cause respiratory irritation, and nonspecific symptoms as headache, dizziness, weakness, and nausea. Impaired mobility and tremors have been observed in laboratory studies.

Skin: May cause skin irritation.

Eye: May cause eye irritation.

Ingestion: Exposure to large quantities may result in similar symptoms to that of inhalation.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.

Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.

Respiratory or Skin Sensitisation: Based on classification principles, the classification criteria are not met.

Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.

Carcinogenicity: This product does NOT contain any IARC listed chemicals.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Single Exposure:

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.

Chronic Health Effects:

Prolonged or repeated exposure to large quantities of the active ingredient may result in central nervous system effects such as tremors, uncoordination, and disorientation.

Existing Conditions Aggravated by Exposure: No information available

Additional toxicological information:

The Australian Acceptable Daily Intake (ADI) for Indoxacarb for a human is 0.01 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOAEL of 1 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species.

(Ref: Australian Pesticides and Veterinary Medicines Authority, 'Acceptable Daily Intakes for Agricultural and Veterinary Chemicals', 2021).

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12 Ecological Information

Ecotoxicity:**Aquatic toxicity:**

Harmful to aquatic life with long lasting effects.

CAS: 173584-44-6 Indoxacarb (ISO)

EC50/48 h 1.7 mg/l (daphnia)

EC50/72 h >1.2 mg/l (green algae)

LC50/96 h 1.8 mg/l (rainbow trout)

Persistence and Degradability: Indoxacarb is not persistent.**Bioaccumulative Potential:** Indoxacarb is moderately bioaccumulative.**Mobility in Soil:** Likely to have low mobility in the environment and low leaching potential.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

14 Transport Information

UN Number Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

15 Regulatory Information

Australian Inventory of Industrial Chemicals: All ingredients are listed.**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:**

Poisons Schedule: 5

16 Other Information

Date of Preparation or Last Revision: 23.08.2021**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Acute Toxicity (Oral) 3: Acute toxicity - oral – Category 3

Acute Toxicity (Inhalation) 4: Acute toxicity - inhalation – Category 4

Skin Sensitisation 1B: Skin sensitisation, Hazard Category 1B

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1

Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3

Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1

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Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020"

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Sundew Solutions Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.