

1 PRODUCT AND COMPANY IDENTIFICATION

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| Product Name: | PROVADO ULTIMATE BUG KILLER | |
| Company: | pbi Home & Garden Limited | |
| Address: | Unit 1, Martinbridge Trading Estate Lincoln Road Enfield Middlesex. EN1 1SP | |
| Phone Number: | During normal working hours | 020 8344 6800 |
| | Outside normal working hours | 01635 563000 |
| Fax Number: | 020 8344 6822 | |

2 COMPOSITION / INGREDIENT INFORMATION

| Ingredient Name: | CAS No: | Contents:%w/w | Information: |
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| Methiocarb | 2032-65-7 | 0.05 | T: R25 |
| Imadacloprid | 138261-41-3 | 0.025 | Xn,N; R22-50 |
| Ethanol | 64-17-5 | 39 | F; R11 |
| Butane | 106-97-8 | 45 | F+; R12 |
| Propane | 74-98-6 | 15 | F+; R12 |

3 HAZARDS IDENTIFICATION

Extremely Flammable

4 FIRST AID MEASURES

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| Ingestion: | Do NOT induce vomiting. If unconscious, place in the recovery position and apply supportive measures if necessary. If conscious, give patient up to a pint of water to drink. Seek medical attention. |
| Skin contact: | Remove and wash contaminated clothing immediately. Wash affected area thoroughly with soap and water. If the patient feels unwell, seek medical advice. |
| Eye contact: | Rinse affected eye with clean running water or eyewash solution for at least 15 minutes holding eyelids well apart. Rinse entire surface and do not allow run-off to contaminate the unaffected eye. Seek medical attention. |
| Inhalation: | Remove patient to fresh air, keep warm and at rest. Apply supportive measures if necessary and seek medical attention. |
| Guide to doctor: | Symptoms and effects: May cause irritation to eyes and skin especially on prolonged contact. Inhalation may result in drowsiness, nausea, dizziness and ultimately loss of consciousness. Deliberate swallowing of large quantities may cause gastrointestinal irritation, central nervous system depression, nausea, vomiting and loss of consciousness. Intentional misuse by deliberately concentrating or inhaling the contents can be harmful or fatal. For further information, contact the National Poisons Information Service in the UK. |

| 5 FIRE FIGHTING MEASURES | |
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| Extinguishing media: | Use dry chemical or carbon dioxide. |
| Protective equipment: | Wear suitable personal protective clothing, full breathing apparatus. |
| Special hazards: | Danger of exploding aerosol can. Polycyclic aromatic hydrocarbons, unburnt hydrocarbons, unidentified organic and inorganic compounds and oxides of nitrogen and carbon may be produced in the event of a fire. |

| 6 ACCIDENTAL RELEASE MEASURES | |
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| Precautions: | Remove all sources of ignition. If the aerosol container is damaged or pierced, allow the propellant to vent off, if possible in a well-ventilated area. DO NOT contaminate water courses or ground. |
| Containment: | Place in suitable container for subsequent disposal. |
| Protective equipment: | Wear suitable personal protective clothing, full breathing apparatus. |

| 7 HANDLING AND STORAGE | |
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| Handling: | Keep off skin. Wash hands after use. Do not spray directly into breeze/wind. Use only in well ventilated areas. |
| Storage: | Store in original container in a cool, dry, ventilated place out of reach of children and away from food, drink and animal feeding stuffs. Keep away from sources of ignition. |

| 8 EXPOSURE CONTROL / PERSONAL PROTECTION | |
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| UK Occupational Exposure Standard: | OES for butane is 1430 mg/m ³ long-term exposure (8 hour Timed Weighted Average) and 1780 mg/m ³ short-term exposure (15 minute reference period). |
| Precautions: | Keep off skin. Wash hands and exposed skin after use. Do not breathe spray. Store in a safe place away from children and pets. Apply away from bees. |

| 9 PHYSICAL AND CHEMICAL PROPERTIES | |
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| Appearance: | A hand-held aerosol dispenser. |
| Flash point: | Butane -60°C |
| Flammability: | Extremely flammable |

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| Explosive properties: | Pressurised container. May explode if exposed to direct sunlight or temperatures exceeding 50°C. |
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10 STABILITY AND REACTIVITY

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| Conditions to avoid: | Avoid extremes of temperature, naked flames, hot surfaces and unprotected electrical equipment. |
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| Materials to avoid: | Avoid contact with highly reactive chemicals which may produce unknown reaction products and so cause additional hazards. |
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| Hazardous decomposition products: | Polycyclic aromatic hydrocarbons, unburnt hydrocarbons, unidentified organic and inorganic compounds and oxides of nitrogen and carbon may be produced in the event of a fire. |
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11 TOXICOLOGICAL INFORMATION

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| Acute toxicity: | < C50 > 62 mg/l. |
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| Irritancy skin: | Non irritant |
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| Irritancy eye: | May be irritating to eyes. |
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| Ingestion: | Deliberate swallowing of large quantities may cause gastrointestinal irritation, central nervous system depression, nausea, vomiting and loss of consciousness. |
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| Irritancy respiratory system: | Inhalation may result in drowsiness, nausea, dizziness and ultimately loss of consciousness. |
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| Skin sensitisation: | Not known |
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12 ECOLOGICAL INFORMATION

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| General Information: | DO NOT contaminate watercourses or ground water. |
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| Environmental considerations: | Harmful to fish or other aquatic life. High risk to bees. |
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13 DISPOSAL

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| Dispose of via the Local Waste Authority or licensed waste disposal contractor. |
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14 TRANSPORT INFORMATION

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| Sin number: | UN 1950 |
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| Class number: | 2.2 Aerosols |
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15 REGULATORY INFORMATION

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| MAPP number: | 10233 |
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| Labelling information: | | |
| Health: n/a | Physio-chemical: F+ | Environment: n/a |

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| 16 OTHER INFORMATION |
| The information provided in this Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification, since the conditions of the operations mentioned are beyond our control. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text. pbi disclaims any liability for loss or damage resulting from the use of these data, information or suggestions. |

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| RECOMMENDED USE |
| Home garden insecticide |

Updated on : 01.09.00