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# SAFETY DATA SHEET
# Pheronet Kit

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

| | |
|---|---|
| Product name | Pheronet Kit |
| Code | 001-STD-PHNTC2 |

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

| | |
|---|---|
| Identified uses | Insect containment for monitoring the target species. |
| REACH No, | A registration number is not available for this substance. |

### 1.3 Detailed of the supplier of the safety data sheet

| | |
|---|---|
| Manufacturer | Russell IPM Ltd |
| Australian Agent | Garrards Pty Ltd, 32 Kenworth Place,<br>BRENDALE MDC, QLD,<br>4500,<br>Australia<br>Tel: +61 7 3881 1693<br>F: +61 7 3881 1781<br>Email: craig@garrards.com.au \| Website: www.garrards.com.au |

### 1.4 Emergency telephone number

+61 7 3881 1693

### 1.5 Nanoforms

No nanoforms present

### 1.6 Other means of identification

| | |
|---|---|
| Unique Formula Identifier (UFI) | Not required |

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

Classification (EC 1272/2008): None.

### 2.2 Label elements CLP 1272/2008/GC BLP

| | |
|---|---|
| Contains: | Craft board constructed into trap, coated with chemically inert and non-drying adhesive and insect pheromones for Plodia/Esphestia spp. and Lasioderma serricorne on polyethylene vial. |
| Labelling: | None. |
| Signal word: | None. |
| Hazard statements: | None. |
| Supplemental Information: | None. |
| Pictograms: | None. |
| Precautionary statements: | None. |

### 2.3 Other hazards

This product does not contain any PBT or vPvB substances. To avoid risk to man and the environment, comply with the instructions for use.

### 2.4 Endocrine disruptors/ endocrine disruptor properties (EC) 2017/2100 and (EC) 2018/605

None present.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Mixtures

| Name | CAS | EC | REACH registration | Amount | Classification for (CLP) 1272/2008 |
|---|---|---|---|---|---|
| (Z,E)-9,12-Tetradecadienyl acetate | 30507-70-1 | 608-490-3 | N/A | < 1% | This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. |

| | | | | | |
|---|---|---|---|---|---|
| Serricornin | 99945-27-4/92999-14-9 | N/A | N/A | < 1% | This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. |

The full text for all R-phrases and Hazard statements are displayed in section 16.

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

General information

Remove victim to fresh air and keep at rest. If symptoms or irritation and/or sensitization occur seek medical advice/attention.

Inhalation

Remove to fresh air and keep at rest. Seek medical advice if symptoms persist.

Skin

Wash with soap and water. If skin irritation occurs, seek medical advice/attention.

Ingestion

Rinse mouth. Do not induce vomiting.

Eye contact

Rinse cautiously with water for several minutes. If irritation occurs, seek medical advice/attention.

### 4.2 Most important symptoms and effects, both acute and delayed

Inhalation

Not known.

Ingestion

Not known.

Skin contact

Not known.

Eye contact

Not known.

### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

None.

Specific hazards

Dike and collect extinguishing water. Avoid releasing to the environment. Do not discharge into drains, watercourses or onto the ground.

### 5.3 Advice for firefighters

Special firefighting procedures

In case of fire and/or explosion, do not breathe fumes.

Protective equipment for firefighters

Wear full protective clothing (EN 469). Self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation.

### 6.2 Environmental precautions

Do not discharge into drains, watercourses or onto the ground.

**6.3 Methods and materials for contaminants and cleaning up**

Do not contaminate water with product waste. Dispose of waste material in accordance with local or national regulations.

**6.4 Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: HANDLING AND STORAGE

**7.1 Precautions for safe handling**

See Section 8 for personal protection. Avoid contact with skin, eyes, and clothing. Do not breathe mist/ vapor/ spray. Always ensure good ventilation. Do not eat, drink, or smoke in the same room as handling this product. Keep containers tightly closed when not in use.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, well-ventilated area. Protect from sunlight.

**7.3 Specific end use(s)**

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters**

Ingredients with limit values that require monitoring at the workplace. No exposure limit noted for ingredients.

**8.2 Exposure controls**

No exposure limit noted for ingredients.

**8.2.1 Appropriate engineering controls**

No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

**8.2.2 Personal protection equipment**

Skin protection (hand protection/other). Use approved gloves.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties**

| | |
|---|---|
| Physical state | Solid. |
| Odour and colour | None. White. |
| Initial boiling point and boiling range | Not available |
| Melting point (°C) | Not available |
| Specific gravity | Not available |
| Vapor density (air=1) | Not available |
| Vapor pressure | Not available |
| Evaporation rate | Not available |
| pH-value | Not available |
| Viscosity | Not available |
| Decomposition temperature (°C) | Not available |
| Odour threshold, lower | Not available |
| Odour threshold, higher | Not available |
| Flash point | Not available |
| Auto ignition temperature (°C) | Not available |
| Flammability limit - lower (%) | Flammable at temperatures over 100°C |
| Flammable limit - higher (%) | Flammable at temperatures over 100°C |
| Partition coefficient (N-octanol/water) | Not available |
| Explosive properties | Not available |
| Oxidizing properties | Not available |

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| | |
|---|---|
| Partition coefficient n-octanol/water for nanoforms | None present |

**9.2 Other information**

Not available.

**9.2.1 Additional information on the physical hazard classes**

No physical hazard classes.

**9.2.2 Other safety characteristics**

None known.

## SECTION 10: STABILITY AND REACTIVITY

**10.1 Reactivity**

Not reactive.

**10.2 Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3 Possibility of hazardous reactions**

Not anticipated.

Hazardous polymerization

Will not polymerize.

**10.4 Conditions to avoid**

Avoid exposure to high temperatures or direct sunlight. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

**10.5 Incompatible materials**

Materials to avoid

Excessive temperature variations. Strong oxidizing agents.

**10.6 Hazardous decomposition products**

None anticipated.

## SECTION 11: TOXICOLOGY INFORMATION

**11 Information on toxicological effects**

Toxicological information

Classification according to CLP regulations (EC) 1272/2008.

| | |
|---|---|
| Acute toxicity: | |
| Acute toxicity (Oral LD50): | N/A |
| Acute toxicity (Dermal LD50): | N/A |
| Acute toxicity (Inhalation LC50): | N/A |
| Skin Corrosion/Irritation: | N/A |
| Serious eye damage/irritation: | N/A |
| Respiratory or skin sensitization: | N/A |
| Skin sensitization: | N/A |
| Germ call mutagenicity: | N/A |
| Genotoxicity - In vitro: | N/A |
| Calculation method | N/A |
| Genotoxicity - In Vivo: | N/A |
| Calculation method | N/A |

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Calculation method.

Reproductive toxicity - development

Calculation method.

Based on available data the classification criteria are not met.

Specific target organic toxicity - repeated exposure:

STOT - Repeated exposure

Calculation method.

Based on available data the classification criteria are not met.

Aspiration hazard:

Calculation method.

Based on available data the classification criteria are not met.

**11.1 Information on hazard classes (EC) No 1272/2008**

No hazard classification.

**11.2 Information on other hazard classes which relates to endocrine disrupting properties**

No endocrine disruptors present.

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 Toxicity**

Classification according to CLP regulation (EC) 1272/2008.

The product is not anticipated to pose any environmental hazard. Specific toxicity studies done on birds, aquatic organisms, earthworms, bees and non-target arthropods showed lack of adverse effects.

Ecological information on ingredients

Acute Toxicity - Fish

LC50 96 hours = N/A *Lepomis macrochirus* (Bluegill)

LC50 96 hours = N/A *Onchorhynchus mykiss* (Rainbow trout)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours = N/A Daphnia magna

Acute Toxicity - Aquatic Plants

EbC50 96 hours = N/A *Enedesmus subspicatus*

Chronic Toxicity - Fish Early Life Stage

NOEC 90 days = N/A *Onchorhynchus mykiss* (Rainbow trout)

NOEC 35 days = N/A *Cyprinocon variegatus* (Sheepshead minnow)

Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days = N/A Daphnia magna

Acute Toxicity - Terrestrial

LD50 = N/A *Apis Mellifera* (Honeybee) (Oral exposure).

LD50 = N/A *Apis mellifera* (Honeybee) (Topical exposure).

**12.2 Persistence and degradability**

It is not likely that these compounds contaminate the soil or groundwater.

Ecological information on ingredients

**Pheronet Kit**

Degradability

The product is not readily biodegradable.

Photo transformation

N/A

Biodegradation

The product is not readily biodegradable.

**12.3 Bioaccumulative potential**

Not anticipated to bioaccumulate.

Partition coefficient

Not relevant.

Ecological information on ingredients

**Pheronet Kit**

Bioaccumulation factor

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BCF = N/A

Partition coefficient

Log Kow = N/A

**12.4 Mobility in soil**

Ecological information on ingredients

**Pheronet Kit**

Mobility: There may be indirect movement in soil because of water movement or transfer by insects.

Adsorption/Desorption Coefficient

Koc = N/A

Henry's Law Constant

N/A

**12.5 Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients

**Pheronet Kit**

Not classified as PBT/vPvB by current EU criteria.

**12.6 Endocrine disruptor properties**

No endocrine disruptors present

**12.7 Other adverse effects**

Not available.

Ecological information on ingredients

**Pheronet Kit**

Not available

## SECTION 13: DISPOSAL CONSIDERATIONS

General information

Dispose to a licensed waste disposal site in accordance with the local Waste Disposal Authority.

13.1 Waste treatment methods

Waste is suitable for incineration. Contact specialist disposal companies. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## SECTION 14: TRANSPORT INFORMATION

**14.1 UN number**

| | |
|---|---|
| UN No. (ADR/RID/AND) | None |
| UN No. (IMDG) | None |
| UN No. (ICAO) | None |

**14.2 UN proper shipping name**

| | |
|---|---|
| Proper Shipping Name | None |
| Proper Shipping Name | None |

**14.3 Transport hazard class(es)**

| | |
|---|---|
| ADR/RID/AND Class | Not applicable |
| ADR Label No. | Not applicable |
| AMDG Class | Not applicable |
| ICAO Class/Division | Not applicable |
| Transport Labels | Not applicable |

**14.4 Packing group**

| | |
|---|---|
| ADR/RIN/AND Packing group | Not applicable |
| IMDG Packing group | Not applicable |
| ICAO Packing group | Not applicable |

**14.5 Environmental hazards**

None.

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**14.6 Special precautions for user**

| | |
|---|---|
| EMS | None |
| Hazard No. (ADR) | None |
| Tunnel Restriction Code | None |

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

## SECTION 15: REGULATORY INFORMATION

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

The product is not deemed 'hazardous' according to CLP: Regulation (EC) No 1272/2008 and the requirements of Council Directive 2000/54/EEC. It is used as beneficial insect attractant therefore it does not require registration.

UK Regulatory References

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Commission Regulation (EC) 2020/878 amending Annex II to Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Health and Environmental Listings

Regulation EC 2037/2000 on substances that deplete the ozone layer. Regulation EC 689/2008 concerning the export and import of dangerous chemicals. None of the ingredients are listed.

Authorizations (Title VII Regulation 1907/2006)

No specific authorizations are noted for this product.

Restrictions (Title VII Regulation 1907/2006)

No specific restrictions of use are noted for this product.

**15.2 Chemical Safety Assessment**

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet:

PBT - Persistent, bio accumulative and toxic. vPvB - Very persistent and very bio accumulative. EN - European standard adopted by the European Committee for Standardization.

Information Sources

The International Union of Pure and Applied Chemistry (IUPAC) pesticide properties database - http://sitem.herts.ac.uk/aeru/iupac/index/htm. Conclusion regarding the peer review of the pesticide risk assessment of the active substance completed by the European Food Safety Authority - http://www.efsa.europa.eu/cs/Satellite International chemical Safety Card. World Health Organization (WHO)/Food and Agriculture Organization of the United Nations (FAO) Joint Meeting on Pesticide Residues monographs and evaluations. Available from www.inchem.org. Food and Agriculture Pesticide Manual, 15th Edition (BCPC). Supplier safety data sheet (SDS).

| | |
|---|---|
| Revision Date | 05/06/2026 |
| Revision | 2 |