



Revision: 1
Date: 16/08/2023

SAFETY DATA SHEET Dismate PE

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

1.1. Product identifier

Product name Dismate PE

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

Identified uses Pheromone dispenser consisting of ZETA pheromone impregnated into cosmetic grade oil in a cellulose filter sealed into a polyethylene pouch.

1.3. Details of the supplier of the safety data sheet:

Manufacturer Russell IPM Ltd
Supplier Pathogen & Environmental Solutions
Unit 37, Silver Park, Silver Street, Brackenfell
Industria, 7560, South Africa
Tel: +27 21 982 8689
Email: info@pesafrica.net | www.pesafrica.net

1.4. Emergency telephone number: +27 82 446 8946 (Griffon Poison Information Center)

+27 83 272 3302 | +27 83 295 1313

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The mixture is not classified as dangerous for human health or the environment according to GHS. It is not classified according to GHS.

2.2. Label elements

Contains Pheromone dispenser consisting of ZETA pheromone.

Labelling None. No Pictogram or warning word.

Hazardous Statements None.

Precautionary Statements

- P319 - Get medical help if you feel unwell.
- P 337 + P317 - If eye irritation persists: Get medical advice/attention.
- P270 - Do not eat, drink or smoke when using this product.
- P301 + P317 - IF SWALLOWED. Get medical help.
- P264 - Wash hands and exposed skin thoroughly after handling.
- P273 - Avoid release to the environment.
- P501 - Dispose of contents/container to National Regulations.

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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.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Relevant Substance:

ZE-TDA (Z9E12-tetradecadien-1-yl-acetate – attractant) - Not classified according to GHS.

CAS N° 30507-70-1 C≤ 0.01 %

Methyl palmitate - Not classified according to GHS.

CAS N° 112-39-0 C≤ 7.36%

Classification (EC 1272/2008) None of the ingredients are hazardous or are present at levels < thresholds set in Regulation (EC) No.1272/2008.

3.2 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 of 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 May cause irritation.

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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 Fire Fighting Procedures:**

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

Protective equipment for fire fighters:

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 material for containment 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**

The substance should be handled under conditions of good industrial hygiene and in conformity with any local regulations in order to avoid unnecessary exposure. The product is formulated using materials that is known to be non-toxic to humans, animals or plants. Appropriate protective equipment should be worn (vinyl, latex, polyethylene or other type of gloves) to reduce exposure.

7.2. Conditions for safe storage, including any incompatibilities

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

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: N/A**

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance Polyethylene sachet of different colour (Red, Green, Blue and Yellow).

Odour Distinctive

Initial boiling point and boiling range Not available.

Melting point (°C) Not available.

Specific gravity 1.22-1.30

Vapour density (air=1) Not available.

Vapour pressure Not available.

Evaporation rate Not available.

pH-Value Not available.

Viscosity Not available.

Solubility Value (G/100G H₂O@20°C) Not soluble in water.

Decomposition temperature (°C) Not available.

Odour Threshold, Lower Not available.

Odour Threshold, Upper Not available.

Flash point > 100 °C

Auto Ignition Temperature (°C) Not available.

Flammability Limit - Lower(%) Flammable at temperatures over 100°C. Flammability Limit - Upper(%) Flammable at temperatures over 100°C.

Partition Coefficient (N-Octanol/Water) Not relevant

Explosive properties Not available.

Oxidising properties Not available.

9.2. Other information

Not available.

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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

Polymerisation Will not
polymerise.

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.

10.6. Hazardous decomposition products

None anticipated.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

Classification according to CLP regulation (EC) 1272/2008 and not classified according to GHS.

Acute toxicity:

Acute Toxicity ORAL: Not classified

Acute Toxicity DERMAL: Not classified

Acute Toxicity INHALATION: Not classified

Skin Corrosion/Irritation: Not classified.

Serious eye damage/irritation: Not classified.

Respiratory or skin sensitization: Not classified.

Skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Based on available data the classification criteria are not met.

Reproductive Toxicity: Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure: Not classified.

Aspiration hazard: No

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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 *Enedemus subspicatus* Chronic Toxicity - Fish Early life Stage

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

NOEC 35 days = N/A *Cyprinodon 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.Degradability

The product is readily biodegradable. Phototransformation
N/A

Biodegradation

The product is readily biodegradable.

12.3. Bioaccumulative potential

Not anticipated to bioaccumulate.

Partition coefficient

Not relevant

Ecological information on ingredients.Bioaccumulation

factor BCF = N/A

Partition

coefficient log Kow
= N/A

12.4. Mobility in soilEcological information on ingredients.

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

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12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients.

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Not available.

Ecological information on ingredients.

Not available.

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SECTION 13: DISPOSAL CONSIDERATIONS

General information

Disposal to 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/ADN) 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/ADN Class Not applicable

ADR Label No. Not applicable

IMDG Class Not applicable

ICAO Class/Division Not applicable

Transport Labels Not applicable

14.4. Packing group

ADR/RID/ADN Packing group Not applicable

IMDG Packing group Not applicable

ICAO Packing group Not applicable

14.5. Environmental hazards None.14.6. Special precautions for user

EMS None.

Emergency Action Code 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.

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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. No chemical safety assessment has been carried out yet for this mixture.

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 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, bioaccumulative and toxic. vPvB - Very persistent and very bioaccumulative EN - European standard adopted by the European Committee for Standardisation.

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 Organisation (WHO)/Food and Agriculture Organisation of the United Nations (FAO) Joint Meeting on Pesticide Residues monographs and evaluations. Available from www.inchem.org. Food and Agriculture Organisation (FAO) Specifications and Evaluations for Agricultural Pesticides - Evaluation Report. C.D.S. Tomlin, 2009. The Pesticide Manual, 15th Edition (BCPC). Supplier safety data sheet (SDS).

Creation date: 16/08/2023

Version date: 16/08/2023

Printing date: 16/08/2023

Revision date: 16/08/2023

The information given in this Safety Data Sheet is based on our present knowledge, GHS Guidelines Rev 9 and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non-identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.