



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
 Registration no: 9346

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.
 REACH No. : A registration number is not available for this substance

1.3. Details of the supplier of the safety data sheet

Supplier Russell IPM,
 45 First avenue
 Deeside Industrial Park
 Deeside,
 Flintshire
 CH5 2NU
 TEL: +44 (0) 1244 281333
 FAX: +44 (0) 1244 281878
 info@russellipm.com

1.4. Emergency telephone number

+44 (0) 1244 281333 9am - 5pm GMT

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008) The mixture is not classified as dangerous for human health or the environment.

2.2. Label elements

Contains Pheromone dispenser consisting of ZETA pheromone.
 Labelling None.
 Risk Phrases None

Precautionary Statements

If eye irritation persists: Get medical advice/attention
 IF INHALED: Call a POISON CENTRE/doctor if you feel unwell.
 IF ON SKIN: Wash with soap and water
 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell
 Store at temperatures not exceeding 4°C
 Wash hands and exposed skin thoroughly after handling
 Dispose of contents/container to National Regulations

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

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3.2. Mixtures

Z9E12-tetradecadien-1-yl-Acetate

CAS-No.: 30507-70-1

EC No.:

Classification (EC 1272/2008)

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

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 MEASURES5.1. Extinguishing mediaExtinguishing 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 mixtureHazardous 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 firefightersSpecial 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 MEASURES6.1. 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 STORAGE7.1. 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 PROTECTION8.1. Control parameters

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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.

SECTION 10: STABILITY AND REACTIVITY

8.1. Control parameters

N/A

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.

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10.6. Hazardous decomposition products

None anticipated

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

Classification according to CLP regulation (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 sensitisation:

Skin sensitization N/A

Germ cell mutagenicity:

Genotoxicity - In Vitro

Calculation method.

Genotoxicity - In Vivo

Calculation method.

Based on available data the classification criteria are not met.

Carcinogenicity:

Calculation method. Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Calculation method. Based on available data the classification criteria are not met.

Reproductive Toxicity - Development

Calculation method.

Based on available data the classification criteria are not met.

Specific target organ 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.

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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.

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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 *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.

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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.

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Bioaccumulation factor BCF = N/A

Partition coefficient log Kow = N/A

12.4. Mobility in soil

Ecological information on ingredients.

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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.

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Ecological information on ingredients.

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Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Not available.

Ecological information on ingredients.

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Not available.

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.

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14.6. Special precautions for user

<u>EMS</u>	None.
<u>Emergency Action Code</u>	None.
<u>Hazard No. (ADR)</u>	None.
<u>Tunnel Restriction Code</u>	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. No chemical safety assessment has been carried out yet for this mixture.

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, Authorisation 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.

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.

Authorisations (Title VII Regulation 1907/2006)

No specific authorisations are noted for this product. Restrictions (Title VIII 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).

18/04/2015

1

R

Revision DateRevision

Harmful by inhalation, in contact with skin and if swallowed.

Risk Phrases InFull R20/21/22

Harmful: danger of serious damage to health by prolonged exposure if swallowed.

Not classified.

Toxic by inhalation, in contact with skin and if swallowed.

R

Toxic: danger of serious damage to health by prolonged exposure if swallowed.

4

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

8/22 NC

R23/24/25

R48/25

R50/53

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Hazard Statements In Full

H372	Causes damage to organs <<Organs>> through prolonged or repeated exposure.
H330	Fatal if inhaled.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H410	Very toxic to aquatic life with long lasting effects.
H400	Very toxic to aquatic life.

Disclaimer

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.