PheroDes™ Pheromone lures

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 06-04-2020 Revision date: 06-04-2021 : Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Strip with pheromone in a plastic tube

Product name : PheroDes™

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

1.2.1. Relevant identified uses

Pheromeone for monitoring Trialeurodes vaporariorum

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

HortiPro BV
Jagerserf 43
3851 SM Ermelo - the Netherlands
T (+31) 341 268 639
info@hortipro.com - www.hortipro.com

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This substance does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended

Classification according to Directive 67/548/EEC or 1999/45/EC as amended:

This substance does not meet the criteria for classification according to Directive 67/548/EEC as amended.

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) : None

2.3. Other hazards

The mixture does not meet the criteria for PBT or vPvB according to ANNEX XIII of Regulation (EC) 1907/2006.

SECTION 3: Composition/information on ingredients

3.1. Substance

Not relevant

3.2. Mixture

Name	Product identifier	Weight/dispenser	Classification according to Directive 67/548/EEC
Benzyl acetate Benzyl OH Benzaldehyde	CAS 140-11-4 CAS 100-51-6 CAS 100-52-7	Total 350 mg	

Packaging: Thermosealed bags alu and MD-PE & HD-PE coextrusion

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Remove contaminated clothing

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse open eye for several minutes under running water. Then seek medical afdvice.

First-aid measures after ingestion : Rinse mouth and drink plenty of water. Obtain emergency medical attention.

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

No information availbale

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Sand. Full water stream

5.2. Special hazards arising from the substance or mixture

Reactivity : Stable under normal conditions.

5.3. Advice for firefighters

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Collect contaminated firefighting water separately.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children.

Incompatible products : Strong bases. Strong acids, strong oxidants.

Incompatible materials : Sources of ignition. Direct sunlight.

Storage area : Store in dry, cool, well-ventilated area. Preferably store at -18^{0}C.

7.3. Specific end use(s)

Pheromone for monitoring

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Eye protection : Not specified

Respiratory protection : Respiratory protection not required in normal conditions.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid on a cellolose strip in a tube

Colour : Transparent white to yellow pale

Odour : Characteristic, waxy

Odour threshold	:	None
pH	:	Not delclared
Relative evaporation rate (butylacetate=1)	:	Does not apply
Melting point	:	Does not apply
Freezing point	:	Does not apply
Boiling point	:	482 °F (250 °C) Literature reference.
Flash point	:	230 °F (110 °C) Pensky-Martens or Grabner Miniflas
Auto-ignition temperature	:	Does not apply
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Does not apply
Vapour pressure	:	: 0,000064 kPa at 25 °C
Relative vapour density at 20 °C	:	8,2 Relative to air; air = 1
Relative density	:	No data available
Density	:	0,842 - 0,85 g/cm3
Solubility	:	Not declared
Log Pow	:	No data available
Log Kow	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	Not explosive
Oxidising properties	:	Not oxidizing

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable if stored as recommended.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Avoid contact with strong oxidizers

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. No decompositio if used according to specifications.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	:	Not classified
Skin corrosion/irritation	:	Dermal acute LD50 Rabbit > 2000 mg/kg *Liquid*
Serious eye damage/irritation	:	Direct contact with eyes may cause temporary irritation
Oral or skin sensitisation	:	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure. Estimates for product may be based on additional component data not shown. LD50 Rat > 5000 mg/kg *Liquid*
Germ cell mutagenicity	:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity	:	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	:	Not classified Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure)	:	Not classified Based on available data, the classification criteria are not met
Aspiration hazard	:	Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	:	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

12.2. Persistence and degradability

PheroDeixis	
Persistence and degradability	Easily biodegradable

12.3. Bioaccumulative potential

PheroDeixis	
Bioaccumulative potential	No data available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other information : None.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not dispose

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	PheroDes™
3.b. Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	PjheroDes™

PheroDes™ is not on the REACH Candidate List. These data are based on our resent knowledge including the database of registered products under REACH. However, they shall not constitute a guarantee for any specific product featured and shall not establish a legally valid contractual relationship.

15.1.2. National regulations

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : 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.

Other information : None.

Precaution statements::

P102	Keep out of reach of children
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/clothing

SDS EU

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