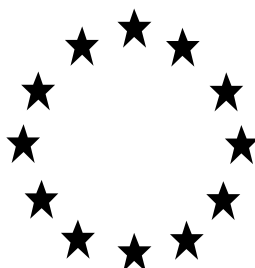


Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products

PRODUCT ASSESSMENT REPORT OF A BIOCIDAL PRODUCT FOR SIMPLIFIED AUTHORISATION APPLICATIONS



[Wasp Attract]

Product type(s) [19]

[Vinegar and D-Fructose as included in the Union list of approved active substances : Annex I]

Case Number in R4BP: [BC-NA066681-47]

Evaluating Competent Authority: [BE eCA]

Date: [01/02/2022]

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1 CONCLUSION

The product Wasp Attract is a concentration bait intended to be used in an appropriate trap placed outdoor to attract wasps. The attractant contains 50% of vinegar and 30% of D-fructose as the active ingredients. It is intended to be used by professionals and non-professionals.

For the biocidal product Wasp Attract it has been established that sufficient data have been provided to verify the outcome and conclusions and that all conditions are met to permit authorization of the biocidal product in accordance with article 25 of Regulation (EU) No 528/2012:

- (a) the active substance contained in the biocidal product appears in Annex I, and no restrictions apply to the substance;
- (b) the biocidal product does not contain any substance of concern;
- (c) the biocidal product does not contain any nanomaterials;
- (d) the biocidal product is sufficiently effective; and
- (e) the handling of the biocidal product and its intended use do not require personal protective equipment.

Composition and classification

The biocidal product Wasp Attract contains 50% of vinegar and 30% of D-fructose as active substances, who are listed in Annex I of Regulation (EU) No 528/2012 under Category 4 – Traditionally used substances of natural origin.

The biocidal product is not classified according to Regulation (EU) No. 1272/2008, and contains no substances of concern. Its handling does not require any personal protective equipment.

Physico-chemistry

Determination of physical, chemical and technical properties is not a data requirement for an application in accordance with Art.25 of EU 528/2012 (simplified procedure) as detailed in Art.20(1)(b) of EU 528/2012. The properties of the Wasp Attract have therefore not been assessed. However, some restrictions should be added to the label ("Do not store at temperatures above 30°C" ; "Protect from frost " ; "Store away from light"). No physicochemical stability study has been carried out. Indeed, the shelf-life of the product will be supported solely by efficacy results on aged samples (see section 2.2.5).

Considering the composition of the product and the fact that the active substances are included in Annex I of the BPR, as well as the flash point test and corrosive to metals test, it can be concluded that the product presents no physical hazards.

The analytical method for the determination of vinegar in the product has been performed by following the acetic acid which is a major compound of vinegar.

The analytical methods for the determination of active substance D-fructose and vinegar (acetic acid) in the product are acceptable. The analytical methods have been validated for the linearity, precision, accuracy and specificity.

Analytical methods for monitoring, soil, air, water, animal and human body fluids and tissues, for monitoring of active substances and residues in food and feeding stuff are not required for simplified authorisations.

Efficacy

Currently, no guidelines are available for efficacy testing of wasp attractants. Wasps do not react well to captivity, which causes a lot of stress and this makes it difficult to perform conclusive laboratory tests. This also applies for simulated-use tests. When a robust field trial is submitted, the simulated-use test can be waived.

The applicant provided a field trial. The available efficacy study demonstrates that the product Wasp Attract, when used as indicated on the label instructions, is effective to attract wasps during a period of at least 14 days after the application of the product.

The 2 years old Wasp Attract product has been tested and it allowed to demonstrate the same level of efficacy compared to the fresh Wasp Attract product, therefore it can be considered that the product is still stable after 2 years of storage.

2 ASSESSMENT REPORT

2.1 Summary of the product assessment

Administrative information

2.1.1.1 Identifier of the product / product family

Identifier	Country (if relevant)
Wasp Attract	
Trade names	
Attractif guêpes	France/Belgium/Luxembourg
Wespenlokstof	Belgium
Wespen Lockstoff	Belgium/Germany/Luxembourg
Attrattiva per Vespe	Italy
Atrayente para Avispa	Spain
BIOSTOP darázs attraktáns	Hungary
BIOSTOP atraktant na vosy	Czech Republic
BIOSTOP atraktant osy	Slovakia
BIOSTOP atractantă pentru viespi	Romania

2.1.1.2 Authorisation holder

Name and address of the authorisation holder	Name	Bio services International NV
	Address	Jagershoek 13 8570 Vichte Belgium
Authorisation number	EU-0027006-0000	
Date of the authorisation	01/02/2022	
Expiry date of the authorisation	06/02/2032	

2.1.1.3 Manufacturer(s) of the products of the family

Name of manufacturer	Bio services International NV
Address of manufacturer	Jagershoek 13 8570 Vichte Belgium
Location of manufacturing sites	Jagershoek 13 8570 Vichte Belgium

2.1.1.4 Manufacturer(s) of the active substance(s)

Active substance	Vinegar
Name of manufacturer	Van der Steen BV
Address of manufacturer	Kempenlandstraat 51 5262 GK Vught Netherlands
Location of manufacturing sites	Kempenlandstraat 51 5262 GK Vught Netherlands

Active substance	D-Fructose
Name of manufacturer	Tate & Lyle Slovakia s.r.o.
Address of manufacturer	Boleraz 114 919 08 bolezaz Slovakia
Location of manufacturing sites	Boleraz 114 919 08 bolezaz Slovakia

Active substance	D-Fructose
Name of manufacturer	OMNIA NIŞASTA SAN. TİC. A.Ş.
Address of manufacturer	OMNIA NIŞASTA SAN. TİC. A.Ş. Hacı Sabancı OSB Yunus Emre Cad. No: 8 01410 Sarıçam/ADANA TURKEY
Location of manufacturing sites	OMNIA NIŞASTA SAN. TİC. A.Ş. Hacı Sabancı OSB Yunus Emre Cad. No: 8 01410 Sarıçam/ADANA TURKEY

Product composition and formulation

NB: the full composition of the product according to Annex III Title 1 should be provided in the confidential annex.

Does the product have the same identity and composition as the product evaluated in connection with the approval for listing of the active substance(s) on the Union list of approved active substances under Regulation No. 528/2012?

Yes

No (not applicable, Annex I substance)

2.1.1.5 Identity of the active substance

Main constituent(s)	
ISO name	D-Fructose

IUPAC or EC name	-
EC number	200-333-3
CAS number	57-48-7
Index number in Annex VI of CLP	-
Minimum purity / content	99.5%
Structural formula	

Main constituent(s)	
ISO name	Vinegar
IUPAC or EC name	-
EC number	-
CAS number	8028-52-2
Index number in Annex VI of CLP	-
Minimum purity / content	100%
Structural formula	-

2.1.1.6 Candidate(s) for substitution

Vinegar and D-Fructose does not meet the conditions laid down in Article 10 of Regulation (EU) No 528/2012, and are therefore not considered as a candidate for substitution. They are listed in Annex I of Regulation (EU) No 528/2012 under Category 4 – Traditionally used substances of natural origin.

2.1.1.7 Qualitative and quantitative information on the composition of the biocidal product

Common name	IUPAC name	Function	CAS number	EC number	Content (%)
Vinegar	-	Active substance	8028-52-2	-	50.00
D-Fructose	-	Active substance	57-48-7	200-333-3	30.00 (TECH) 29.85 (PURE)

2.1.1.8 Information on technical equivalence

Not applicable.

The substances are included in annex I of the BPR. No reference specifications are available.

2.1.1.9 Information on the substance(s) of concern

No substances of concern were identified in the product formulation.

None of the co-formulants is considered to have endocrine disrupting properties. For more information on the co-formulants, please refer to the confidential annex.

2.1.1.10 Type of formulation

CB – Concentration Bait

Hazard and precautionary statements

Classification and labelling of the products of the family according to the Regulation (EC) 1272/2008

[It should also be stated if some P statements triggered by the criteria in CLP has been excluded due to the risk assessment.]

Classification	
Hazard category	-
Hazard statement	-
Labelling	
Signal words	-
Hazard statements	-
Precautionary statements	-
Note	-

Authorised use(s)

2.1.1.11 Use description

Table 1. Use # 1 – Wasp Attractant – Non professional / Professional - Outdoor

Product Type	PT19 : Repellents and attractants (Pest control)
Where relevant, an exact description of the authorised use	The product is used in an appropriate trap placed outdoor to attract wasps.
Target organism (including development stage)	Wasps – Adults <i>Vespula germanica</i> – German wasp - Adults
Field of use	Outdoor
Application method(s)	Bait application To be used with a suitable trap
Application rate(s) and frequency	Add to the trap: 100mL of product diluted in 100mL of water The product is effective up to 2 weeks.
Category(ies) of users	Non professional Professional
Pack sizes and packaging material	Non professional and professional: Bottle in PET: 100-200-300-400-500-600-700-800-900-1000mL Professional only: Jerrycan (HDPE): 2.5 - 5L

2.1.1.12 Use-specific instructions for use

-

2.1.1.13 Use-specific risk mitigation measures

-

2.1.1.14 Where specific to the use, the particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

-

2.1.1.15 Where specific to the use, the instructions for safe disposal of the product and its packaging

-

2.1.1.16 Where specific to the use, the conditions of storage and shelf-life of the product under normal conditions of storage

-

General directions for use

2.1.1.17 Instructions for use¹

- *For non professionals* : Comply with the instructions for use.
- The product needs to be diluted in an appropriate trap and the trap needs to be placed outdoor (away from human activity).
- Efficacy can be observed after 7 days. In case the product is not efficient enough, change location of the trap.
- Prefer early morning/or late night to install the trap to avoid high density of wasps.
- In case of high density of wasps, several traps need to be used (3-4). The recommended distance between 2 traps is 8-12 meters.
- For maximum efficacy, the trap needs to be placed, suspended or fixed (on a wall or on a tree branch) at a height around 1-2 meter of the ground.
- Product should be used with traps specifically designed to catch wasps.

2.1.1.18 Risk mitigation measures

-

2.1.1.19 Particulars of likely direct or indirect effects, first aid instructions and emergency measures to protect the environment

- *For non professionals* : If medical advice is needed, have product container or label at hand

2.1.1.20 Instructions for safe disposal of the product and its packaging

- Dispose of content/container according to national regulation

2.1.1.21 Conditions of storage and shelf-life of the product under normal conditions of storage

- *For non professionals* : Keep out of reach of children and non-target animals/pets
- Store away from light
- Do not store at temperatures above 30°C
- Protect from frost

- Shelf life : 2 years

¹ Describe the necessary instructions for use like for example: period of time needed for the biocidal effect; the interval to be observed between applications of the biocidal product or between application and the next use of the product treated, or the next access by humans or animals to the area where the biocidal product has been used, including particulars concerning decontamination means and measures and duration of necessary ventilation of treated areas; particulars for adequate cleaning of equipment; particulars concerning precautionary measures during transport; precautions to be taken to avoid the development of resistance.

Other information

- Always respect the recommended dosage (1 part of Wasp Attract with 1 part tap water) and make sure about 1/3 free air space is left between the mixed product and the trap exit in order to keep the wasps inside the trap.

Packaging of the biocidal product

Type of packaging	Size/volume of the packaging	Material of the packaging	Type and material of closure(s)	Intended user (e.g. professional, non-professional)	Compatibility of the product with the proposed packaging materials (Yes/No)
Bottle	100-200-300-400-500-600-700-800-900-1000mL	PET	HDPE	Non professionals & Professionals	Yes
Jerrycan	2.5-5L	HDPE	HDPE	Professionals	Yes

Documentation

2.1.1.22 Data submitted in relation to product application

Please refer to the Annex of this document to find the reference list.

2.1.1.23 Access to documentation

A Letter of Access is not applicable for products eligible for simplified authorisation under Article 25 of the BPR, for which the active substances are on Annex I of the BPR (category 4).

The applicant is the owner of all submitted data.

2.2 Assessment of the biocidal product (family)

Intended use(s) as applied for by the applicant

Table 2. Use # 1 – Wasp Attractant – Non professional / Professional - Outdoor

Product Type	PT19 : Repellents and attractants (Pest control)
Where relevant, an exact description of the authorised use	The product is used in an appropriate trap placed outdoor to attract Wasps.
Target organism (including development stage)	<i>Vespinae</i> Wasps – Adults
Field of use	Outdoor
Application method(s)	Product needs to be diluted with water. The diluted product is placed in an appropriate trap and the trap is placed outdoor.
Application rate(s) and frequency	100mL of product diluted in 100mL of water The product is efficient during 2 weeks.
Category(ies) of users	Non professional Professional
Pack sizes and packaging material	Please see the relevant section.

Physical, chemical and technical properties

Determination of physical, chemical and technical properties is not a data requirement for an application in accordance with Art.25 of EU 528/2012 (simplified procedure) as detailed in Art.20(1)(b) of EU 528/2012. The properties of the product have therefore not been assessed.

No physicochemical stability study has been carried out. Indeed, the shelf-life of the product will be supported solely by efficacy results on aged samples.

Property	Guideline and Method	Purity of the test substance (% (w/w))	Results	Reference
Physical state at 20 °C and 101.3 kPa	/	Wasp Attract (50% of vinegar, 30% of D-fructose)	Liquid	MSDS
Colour at 20 °C and 101.3 kPa	/	Wasp Attract (50% of vinegar, 30% of D-fructose)	Light brown - yellow	MSDS
Odour at 20 °C and 101.3 kPa	/	Wasp Attract (50% of vinegar, 30% of D-fructose)	acidic	MSDS
pH	Derived from ISO2917	Wasp Attract (50% of vinegar, 30% of D-fructose)	pH: 3.60	██████
Acidity / alkalinity	Titration	Wasp Attract (50%)	Acidity: 1.75%	██████

Property	Guideline and Method	Purity of the test substance (% (w/w))	Results	Reference
	(internal method)	of vinegar, 30% of D-fructose)	w/w as H2S04	
Relative density / bulk density	Waived - Not required in the context of simplified authorisations.			
Storage stability test – accelerated storage	<p>Waived - No study performed. The shelf-life of the product will be set based on efficacy data on aged product (see section 2.2.5).</p> <p>BE comment : According to the Guidance on the BPR Vol I Parts A+B+C (May 2018), the following restriction “Do not store at temperatures above 30°C” should be added to the label if no accelerated storage test is performed.</p>			
Storage stability test – long term storage at ambient temperature	Waived - No study performed. The shelf-life of the product will be set based on efficacy data on aged product (see section 2.2.5).			
Storage stability test – low temperature stability test for liquids	<p>Waived - No study performed.</p> <p>BE comment: According to the Guidance on the BPR Vol I Parts A+B+C (May 2018), the following restriction “Protect from frost” should be added to the label if no low temperature stability test for liquids is performed.</p>			
Effects on content of the active substance and technical characteristics of the biocidal product - light	Waived - No study performed. The sentence “Store away from light” will be on the label.			
Effects on content of the active substance and technical characteristics of the biocidal product – temperature and humidity	Waived - No study performed. Humidity is not relevant considering that the packaging is water-resistant (plastic).			
Effects on content of the active substance and technical characteristics of the biocidal product - reactivity towards container material	Waived - No study performed. Both the product and the packaging material are inert.			
Wettability	Waived - Not required considering the formulation type.			
Suspensibility, spontaneity and dispersion stability	Waived - Not required considering the formulation type.			
Wet sieve analysis and dry sieve test	Waived - Not required considering the formulation type.			
Emulsifiability, re-emulsifiability and emulsion stability	Waived - Not required considering the formulation type.			

Property	Guideline and Method	Purity of the test substance (% (w/w))	Results	Reference
Disintegration time	Waived - Not required considering the formulation type.			
Particle size distribution, content of dust/fines, attrition, friability	Waived - Not required considering the formulation type.			
Persistent foaming	Waived - Not required in the context of simplified authorisations.			
Flowability/Pourability/Dustability	Waived - Not required considering the formulation type.			
Burning rate – smoke generators	Waived - Not required considering the formulation type.			
Burning completeness – smoke generators	Waived - Not required considering the formulation type.			
Composition of smoke – smoke generators	Waived - Not required considering the formulation type.			
Spraying pattern – aerosols	Waived - Not required considering the formulation type.			
Physical compatibility	Waived - Not relevant because the formulation is not used in combination with another product.			
Chemical compatibility	Waived - Not relevant because the formulation is not used in combination with another product.			
Degree of dissolution and dilution stability	Waived - Not required in the context of simplified authorisations.			
Surface tension	Waived - Not required in the context of simplified authorisations.			
Viscosity	Waived - Not required in the context of simplified authorisations.			

Conclusion on the physical, chemical and technical properties of the product

Determination of physical, chemical and technical properties is not a data requirement for an application in accordance with Art.25 of EU 528/2012 (simplified procedure) as detailed in Art.20(1)(b) of EU 528/2012. The properties of the Wasp Attract have therefore not been assessed.

However, some restrictions should be added to the label (“Do not store at temperatures above 30°C” ; “Protect from frost ” ; “Store away from light”)

No physicochemical stability study has been carried out. Indeed, the shelf-life of the product will be supported solely by efficacy results on aged samples (see section 2.2.5).

Physical hazards and respective characteristics

Property	Guideline and Method	Purity of the test substance (% (w/w))	Results	Reference																	
Explosives	Waived - Considering the composition of the product and the fact that the active substances are included in Annex I of the BPR – category 4, and as such do not give rise to concern for explosiveness, this property is considered not applicable.																				
Flammable gases	Waived - Not relevant because the product is a liquid.																				
Flammable aerosols	Waived - Not relevant because the product is a liquid.																				
Oxidising gases	Waived - Not relevant because the product is a liquid.																				
Gases under pressure	Waived - Not relevant because the product is a liquid.																				
Flammable liquids	EC A.9	Wasp Attract (50% of vinegar, 30% of D-fructose)	No flash point was observed up to 110.0 °C. Therefore, the product is not a flammable liquid.																		
Flammable solids	Waived - Not relevant because the product is a liquid.																				
Self-reactive substances and mixtures	Waived - Considering the composition of the product and the fact that the active substances are included in Annex I of the BPR – category 4, and as such do not give rise to concern for self-reactivity, this property is considered not applicable.																				
Pyrophoric liquids	Waived - Experience in handling and use shows that the product is not pyrophoric.																				
Pyrophoric solids	Waived - Not relevant because the product is a liquid.																				
Self-heating substances and mixtures	Waived - Not relevant because the product is a liquid.																				
Substances and mixtures which in contact with water emit flammable gases	Waived - Not relevant because the formulation is water-based.																				
Oxidising liquids	Waived - Considering the composition of the product and the fact that the active substances are included in Annex I of the BPR – category 4, and as such do not give rise to concern for oxidising properties, this property is considered not applicable.																				
Oxidising solids	Waived - Not relevant because the product is a liquid.																				
Organic peroxides	Waived - Not relevant because the product does not fall under the definition of organic peroxides.																				
Corrosive to metals	Method C.1.	Wasp Attract (50% of vinegar, 30% of D-fructose)	<p>Determination of the loss of mass (%) during 7 days at 55°C</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Material</th> <th>Position</th> <th>Mass loss (%)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Steel</td> <td>100% vapour</td> <td>1.1</td> </tr> <tr> <td>50%/50%</td> <td>1.2</td> </tr> <tr> <td>100% product</td> <td>0.9</td> </tr> <tr> <td rowspan="3">Aluminium</td> <td>100% vapour</td> <td>0.1</td> </tr> <tr> <td>50%/50%</td> <td>0.1</td> </tr> <tr> <td>100% product</td> <td>0</td> </tr> </tbody> </table> <p>Neither localised nor uniform corrosion was observed after the test; the test</p>	Material	Position	Mass loss (%)	Steel	100% vapour	1.1	50%/50%	1.2	100% product	0.9	Aluminium	100% vapour	0.1	50%/50%	0.1	100% product	0	
Material	Position	Mass loss (%)																			
Steel	100% vapour	1.1																			
	50%/50%	1.2																			
	100% product	0.9																			
Aluminium	100% vapour	0.1																			
	50%/50%	0.1																			
	100% product	0																			

Property	Guideline and Method	Purity of the test substance (% (w/w))	Results	Reference
			item WASP ATTRACT is not classified as corrosive to metals according to the United Nations Recommendations on the Transport of Dangerous Goods - Manual of Tests and Criteria and according to Regulation EC No. 1272/2008 (CLP).	
Auto-ignition temperatures of products (liquids and gases)	Waived - Considering the composition of the product and the fact that the active substances are included in Annex I of the BPR – category 4, and as such do not give rise to concern for oxidising properties, this property is considered not applicable.			
Relative self-ignition temperature for solids	Waived - Not relevant because the product is a liquid.			
Dust explosion hazard	Waived - Not relevant because the product is a liquid.			

Conclusion on the physical hazards and respective characteristics of the product

Considering the composition of the product and the fact that the active substances are included in Annex I of the BPR, as well as the flash point test and corrosive to metals test, it can be concluded that the product presents no physical hazards.

Methods for detection and identification

Analytical methods for the analysis of the product as such including the active substance, impurities and residues										
Analyte (type of analyte e.g. active substance)	Analytical method	Fortification range / Number of measurements	Linearity	Specificity	Recovery rate (%)			Limit of quantification (LOQ) or other limits	Precision	Reference
					Range	Mean	RSD			
████████	████████	3 measurements	Y= 0.0029x - 16.954 R ² >0.999 Range : 484.43 mg/L to 20035.01 mg/L	████████ ████████	101.7 - 103.0	102	0.65	-	30.8% of D-Fructose (5 measurements) RSDr: 0.51 Hr: 0.27	████████
D-fructose is extracted from the sample with water . The extraction is promoted by heating and sonication in an ultrasonic bath. Carrez solutions are added to precipitate the proteins present in the sample. The extract is filtered and injected on a HPLC with RI detector. Quantification of fructose is then performed with a calibration curve of fructose.										
vinegar concentration	████████	3 measurements	Y=- 0.0018x ² +6.702x+7.5998 R ² >0.999 Range : 10.80 mg/L to 984.38	████████	97.5-98.6	97.87	0.65	████████ ████████ ████████	████████	████████

			mg/L							
[Redacted]										

Analytical methods for monitoring, soil, air, water, animal and human body fluids and tissues, for monitoring of active substances and residues in food and feeding stuff are not required for simplified authorisations.

Conclusion on the methods for detection and identification of the product

[Redacted]

The analytical methods for the determination of active substance D-fructose and vinegar ([Redacted]) in the product are acceptable. The analytical methods have been validated for the linearity, precision, accuracy and specificity.

Analytical methods for monitoring, soil, air, water, animal and human body fluids and tissues, for monitoring of active substances and residues in food and feeding stuff are not required for simplified authorisations.

Efficacy against target organisms

2.2.1.1 Function and field of use

The product Wasp Attract is a concentrated attractant (PT19), with 50% vinegar and 30% D-fructose as active substance, to be used in outdoor areas to attract wasps. The product needs to be diluted in water and when used in combination with a suitable trap, it allows to catch these insects, reducing the inconvenience that they cause to humans. It can be used by both professional and non-professional users.

2.2.1.2 Organisms to be controlled and products, organisms or objects to be protected

During summer, wasps can cause a burden for humans in outdoor areas. At the end of the season, wasps search for food to feed their queens, and are attracted by sweetness humans can bring outdoors. When they feel attacked, they can sting, which in some cases can lead to anaphylactic shock and in rare events to death.

2.2.1.3 Effects on target organisms, including unacceptable suffering

The product Wasp Attract is used in combination with a trap. The insects are attracted and lured into the trap, which they cannot escape. Eventually, the wasp gets tired and will drown in the trap and die.

2.2.1.4 Mode of action, including time delay

It is expected that the attractant effect of the product Wasp Attract is based on olfactory attraction. There is no time delay for the product to be effective. However, following the efficacy field trial that was submitted (see efficacy data table 2.2.1.5) , a time delay of 7 days can be accepted.

2.2.1.5 Efficacy data table

Experimental data on the efficacy of the biocidal product against target organism(s)																														
Function Field of use envisaged	Test substance	Test organism(s)	Test method	Test system / concentrations applied / exposure time	Test results: effects	Reference																								
PT 19 – Attractant for wasps / Outdoor	WASP ATTRACT (50% vinegar + 30% D-fructose) Fresh and 2 years aged product.	Wasps (<i>Vespula germanica</i>)	Field test Kinrooi & Kuringen, Belgium	<p><u>Test system and exposure time :</u> The test was performed outdoors in 5 different sites. The traps were placed as indicated in the instruction for use, at 1 to 2 meter from the ground. Performance of fresh and 2 years aged product is compared with traps filled with water. The percentage of efficacy is calculated by comparing the number of insects trapped in the untreated and in the treated traps:</p> <p>% of efficacy = [(population trapped with attractant - population trapped without attractant) / population trapped with attractant] x 100.</p> <p>A first measure was performed 7-9 days after treatment and a second measure was performed 15-26 days after treatment.</p> <p><u>Concentration applied:</u> 100mL of product diluted in 100mL of water in the trap. (200 ml total amount of liquid in trap)</p>	<p>Total number of wasp caught for Fresh product, 2 years aged product and negative control (water) in September (N=4) :</p> <table border="1"> <thead> <tr> <th></th> <th>Fresh</th> <th>2 y/o</th> <th>water</th> </tr> </thead> <tbody> <tr> <td>7 days</td> <td>334 (87%)</td> <td>259 (83.4%)</td> <td>43</td> </tr> <tr> <td>15 or 26 days</td> <td>200 (88%)</td> <td>191 (87.4%)</td> <td>24</td> </tr> </tbody> </table> <p>Compared to water, the Wasp Attract catches more</p> <p>Total number of wasp caught for Fresh product, 2 years aged product and negative control (water) in October (N=1) :</p> <table border="1"> <thead> <tr> <th></th> <th>Fresh</th> <th>2 y/o</th> <th>water</th> </tr> </thead> <tbody> <tr> <td>7 days</td> <td>41 (90.2%)</td> <td>52 (92.3%)</td> <td>4</td> </tr> <tr> <td>16 days</td> <td>26 (80.8%)</td> <td>39 (87.2%)</td> <td>5</td> </tr> </tbody> </table> <p>Conclusion: Compared to water, the Wasp Attract catches more wasps. >80% of the wasps caught in the trial were attracted to the product, both fresh and 2 years old. The effect lasts up to 15, 16 or 26 days.</p>		Fresh	2 y/o	water	7 days	334 (87%)	259 (83.4%)	43	15 or 26 days	200 (88%)	191 (87.4%)	24		Fresh	2 y/o	water	7 days	41 (90.2%)	52 (92.3%)	4	16 days	26 (80.8%)	39 (87.2%)	5	Efficacy of attractants on the German wasp <i>Vespula germanica</i> (Hymenoptera : Vespidae) in outdoor – open field condition. (VESPGE20-01A; VESPGE20-01B; VESPGE20-01C; VESPGE20-01D; VESPGE20-01G)
	Fresh	2 y/o	water																											
7 days	334 (87%)	259 (83.4%)	43																											
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7 days	41 (90.2%)	52 (92.3%)	4																											
16 days	26 (80.8%)	39 (87.2%)	5																											

Conclusion on the efficacy of the product

Currently, no guidelines are available for efficacy testing of wasp attractants. Wasps do not react well to captivity, which causes a lot of stress and this makes it difficult to perform conclusive laboratory tests. This also applies for simulated-use tests. When a robust field trial is submitted, the simulated-use test can be waived.

The applicant provided a field trial. The available efficacy study demonstrates that the product Wasp Attract, when used as indicated on the label instructions, is effective to attract wasps during a period of at least 14 days after the application of the product.

The 2 years old Wasp Attract product has been tested and it allowed to demonstrate the same level of efficacy compared to the fresh Wasp Attract product, therefore it can be considered that the product is still stable after 2 years of storage.

2.2.1.6 Occurrence of resistance and resistance management

Not expected to be relevant for the product Wasp Attract since it is based on olfaction.

2.2.1.7 Known limitations

There are no known limitations to the product Wasp Attract.

2.2.1.8 Evaluation of the label claims

The label of the product Wasp Attract claims an attractant effect for wasps for a period of at least 14 days when used outdoor after a dilution in water (1:1).

The efficacy study has demonstrated that the biocidal product Wasp Attract in combination with a trap is effective to attract wasps during at least 14 days after the application of the product as indicated on the label.

Furthermore, the 2 years old Wasp Attract product has shown the same level of efficacy compared to the fresh product, therefore the product can be considered stable up to 2 years of storage.

2.2.1.9 Relevant information if the product is intended to be authorised for use with other biocidal product(s)

Not applicable, as the product Wasp Attract is not intended to be used with other biocidal product(s). However, the product Wasp Attract should be used in combination with an appropriate trap to catch the insects that it attracts. The trap to be used is not specific to the product and is therefore not included in the product authorization.

Risk assessment for human health

2.2.1.10 Assessment of effects on Human Health

The product Wasp attract does not contain any classified ingredient and, hence, it is not classified.

Moreover, there are no substances of concern present, therefore it is considered that a detailed exposure assessment is not relevant under the Simplified Authorisation procedure according to Regulation (EU) 528/2012.

Available toxicological data relating to non active substance(s) (i.e. substance(s) of concern)

There are no substance(s) of concern identified in the product Wasp attract according to the criteria laid out in Annex A of the guidance on the BPR, Vol III, Parts B+C.

Available toxicological data relating to a mixture

No data required since the product contains no substances of concern and its active substance is registered under the Annex I of the BPR.

Other

No other information is required.

Assessment for endocrine disrupting properties for non-active substances

None of the co-formulants shows an alert for endocrine disruptors.

2.2.1.11 Exposure assessment

The product Wasp attract is not classified and does not contain any classified ingredient or substance of concern. An exposure assessment is not required under the Simplified Authorisation procedure according to Regulation (EU) 528/2012.

2.2.1.12 Risk characterisation for human health

The product Wasp attract is not classified and does not contain any classified ingredient or substance of concern. A risk characterisation is not required and authorization is acceptable under the Simplified Authorisation procedure according to Regulation (EU) 528/2012.

Risk assessment for animal health

The product Wasp attract is not classified and does not contain any classified ingredient or substance of concern. A risk assessment for animal health is not required and authorization is acceptable under the Simplified Authorisation procedure according to Regulation (EU) 528/2012.

Risk assessment for the environment

The product Wasp attract is not classified and does not contain any classified ingredient or substance of concern. A risk assessment for the environment is not required and authorization is acceptable under the Simplified Authorisation procedure according to Regulation (EU) 528/2012.

Measures to protect man, animals and the environment

The product Wasp attract is not classified and does not contain any classified ingredient or substance of concern. Specific measures to protect man, animals and the environment are not required and authorization is acceptable under the Simplified Authorisation procedure according to Regulation (EU) 528/2012.

Supplemental information: Refer to Summary product characteristics

Assessment of a combination of biocidal products

For biocidal products that are intended to be authorised for the use with other biocidal products.

Not applicable, the biocidal product Wasp attract is not intended to be used in combination with other biocidal products.

Comparative assessment

Not applicable.

3 ANNEXES²

3.1 List of studies for the biocidal product (family)

Section No.	Author(s)	Year	Title Source (laboratory) Report No. GLP; (un)published	Data protection (Yes/No)	Owner

3.2 Output tables from exposure assessment tools

Not relevant; no exposure assessments are required.

3.3 New information on the active substance

No new information on the active substance has been provided in support of this biocidal product. Vinegar and D-Fructose are listed in Annex I of Regulation (EU) No 528/2012 under Category 4 – Traditionally used substances of natural origin.

3.4 Residue behaviour

Not relevant.

The intended uses of Wasp attract are not expected to lead to contamination of food/feedstuff.

3.5 Summaries of the efficacy studies (B.5.10.1-xx)³

Please see section 3.1 above and the efficacy section 2.2.5 of this PAR which summarises these data. All studies have been included and summarised in IUCLID dossier.

3.6 Confidential annex

For confidential data we refer to the separate confidential annex.

3.7 Other

No other information.

² When an annex is not relevant, please do not delete the title, but indicate the reason why the annex should not be included.

³ If an IUCLID file is not available, please indicate here the summaries of the efficacy studies.