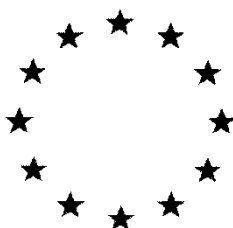


European Commission



**Draft Renewal Assessment Report prepared according to the Commission
Regulation (EU) N° 1107/2009**

BLOOD MEAL

Volume 3 – B.4 (PPP) – Certosan

Rapporteur Member State: Austria
Co-Rapporteur Member State: Lithuania

Version History

When	What
2018/02	Original dossier submission by applicant
2018/04	Revised dossier submission by applicant
2018/12	Draft RAR by RMS AT
2019/02	Draft RAR by RMS AT after commenting by Co-RMS LT

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B.4. FURTHER INFORMATION

B.4.1. SAFETY INTERVALS AND OTHER PRECAUTIONS TO PROTECT HUMANS, ANIMALS AND THE ENVIRONMENT

Pre-harvest interval (in days) for each relevant crop:

A definition of a pre-harvest interval or a withholding period for animal feeding stuffs is not applicable as the preparation will be used on individual trees in forestry and orchards as well as on ornamentals only.

Re-entry period (in days) for livestock, to areas to be grazed:

The definition of a re-entry period for livestock is not necessary. The product is a game repellent which presumably will also have an effect as a repellent for grazing livestock. However, intended use is forestry and orchards as well as on ornamentals only and even if livestock grazes on treated trees, no adverse effects are expected. The product is non-toxic.

Re-entry period (in hours or days) for man to crops, buildings or spaces treated:

This data point is not applicable. The product is non-toxic and licensed as food additive.

Withholding period (in days) for animal feeding stuffs:

This data point is not applicable. The product is non-toxic and also, no direct treatment of edible crops is intended. The product is used in forestry and orchards as well as on ornamentals only.

Waiting period (in days) between application and handling of treated products:

The preparation is non-toxic and dries off to a protective coating. The plants can be handled without any safety concerns after the product has dried.

Waiting period (in days) between last application and sowing or planting succeeding crops:

This data point is not applicable. No waiting periods need to be defined as there are no succeeding crops in forestry and orchards as well as on ornamentals. Further, the product is non-toxic, adheres to the treated plants. No crops are treated. The product dries quickly (1-3 hours depending on the air humidity) and rain will not wash off the coating.

Information on specific conditions under which the preparation may or may not be used:

To ensure maximum efficacy, the preparation must not be applied during rainy or freezing weather conditions. Application during foggy conditions or on plants wet from morning dew does not hamper the efficacy of the product.

B.4.2. RECOMMENDED METHODS AND PRECAUTIONS

Ref. Point:	KCP 4.2/01
Authors:	Anonymous
Title:	Safety data sheet according to 1907/2006/EC – Certosan
Company/Source:	Flügel GmbH, Germany
Report No.	Revision No.: 2.0
Report date:	05.04.2017
Guideline:	n.a.
GLP	No

First aid measures:

In case of ...

Inhalation:	Move victim to fresh air.
Skin contact:	Wash off with soap and plenty of water.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids.
Ingestion	Rinse out mouth and give plenty of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

Most important symptoms and effects, both acute and delayed

Not known.

Indication of any immediate medical attention and special treatment needed

Treat symptoms.

Firefighting measures:

Extinguishing media/ suitable extinguishing media:	Suitable extinguishing media: Product itself does not burn. Fire-extinguishing activities according to surrounding. Unsuitable extinguishing media: Full water jet.
Special hazards arising from the substance or mixture:	Not known
Advice for firefighters/additional information:	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations

Accidental release measures:

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin, eyes and clothing. Do not breathe dust. Ensure adequate ventilation.
Environmental precautions	Do not discharge into the drains/surface waters/ground water.
Methods and material for containment and cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Shovel into suitable container for disposal.
Reference to other sections	No information available.

Handling and storage:

Precautions for safe handling / Advice on safe handling	Keep container tightly closed.
General protective measures	Not stated
Hygiene measures	Remove and wash contaminated clothing before re-use. Do not breathe dust.

	Avoid contact with eyes and skin. Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke.
Advice on protection against fire and explosion	No special measures necessary.
Conditions for safe storage, including any incompatibilities / Requirements for storage rooms and vessels	Keep container tightly closed in a dry, cool and well-ventilated place.
Advice on storage compatibility	Incompatible with oxidizing agents.
Further information on storage conditions	Keep away from food, drink and animal feeding stuffs.
Storage group	Not stated
Specific end use / Recommendation for intended u	Product for use in forestry, orcharding and ornamental plant

Exposure controls/personal protection

Control parameters	No data available.
Exposure controls:	
Engineering controls	Ensure adequate ventilation, especially in confined areas.
Hand protection	Rubber or plastic gloves Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation. Requirements can vary as a function of the use. Therefore, it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.
Eye protection	Safety goggles (EN 166).
Skin protection	Long sleeved clothing (EN 368).
Respiratory protection	No personal respiratory protective equipment normally required. Dust mask must be worn if exposed to dust.
Other protection measures:	Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke.

Disposal considerations

Waste treatment methods	
Waste code No.:	070699
Name of waste:	WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified
Recommendations for the product	Not stated
Recommendations for packaging	Empty containers should be taken for local recycling, recovery or waste disposal.
Recommended cleansing agent	Not stated
General information	Not stated

Transport information

No hazardous material as defined by the transport regulations.

B.4.3. EMERGENCY MEASURES IN CASE OF AN ACCIDENT

Please refer under CP 4.2.

B.4.4. PACKAGING, COMPATIBILITY OF THE PLANT PROTECTION PRODUCT WITH PROPOSED PACKAGING MATERIALS

The following package sizes are intended:

Packaging type:	Plastic bags
Material:	Polypropylene PP
Size (length x width x height):	
Opening diameter:	
Closure:	
Capacity:	1 kg

Specimen of the packaging will be provided upon request.

The packaging materials are considered to be stable, and no complaints concerning damaged packages during normal transport have become known.

According to the transportation guideline (ADR/RID), the product is not harmful. Therefore, tests are not required according to this guideline.

Resistance of the packaging material to its contents:

This is addressed by the shelf-life study data submitted under KCP 2.11 and is acceptable.

Ref. Point:	KCP 2.11 (already evaluated: DAR Blood meal (2008)*)
Authors:	Zinngrebe, K.
Title:	Prüfung der Verträglichkeit des Verpackungsmaterials mit Certosan
Company/Source:	Flügel GmbH, Germany
Report No.	14-3-2001/2
Report date:	14.03.2001
Guideline:	Global Crop Protection Federation (GCFP) Technical Monograph No 17, May 1993
GLP	No

* Draft Assessment Report of Blood meal, Volume 3: Annex B-2, Physical and chemical properties (2007)

B.4.5. PROCEDURES FOR DESTRUCTION OR DECONTAMINATION OF THE PLANT PROTECTION PRODUCT AND ITS PACKAGING

B.4.5.1. Neutralisation procedure

No information needed as neutralisation procedure is not necessary.

B.4.5.2. Controlled incineration

Alternatively, the product can be used as fertiliser (EU fertilizers regulation (Reg.(EC) 2003/2003)).

B.4.6. REFERENCES RELIED ON

Data Point	Author(s)	Year	Title Compagny Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCP 2.11	Zinngrebe, K.	2001	Prüfung de Vertaglichkeit des Verpackungsmaterials mit Certosan	N	N	-	FLU	Y
KCP 4.2/01	Anonymous	2017	Safety data sheet according to 1907/2006/EC – Certosan Flügel GmbH, Germany Report No.: Revesion 2.0 Report date: 2017-04-05 Non-GLP, published	N	N	--	FLU	N