# Draft Assessment Report

## Evaluation of Active Substances

Plant Protection Products

Prepared according to **Regulation (EC) 1107/2009**
as it applies in Great Britain (GB PPP)

# Cinmethylin (BAS 684 H)

## Volume 3 – B.4 (PPP) – BAS 684 03 H

## Further Information

Great Britain

November 2020

# Version History

| When | What |
|---|---|
| November 2020 | Initial DAR |
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# B.4. FURTHER INFORMATION

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

The applicant has provided the following onformation:

**Pre-harvest interval (in days) for each relevant crop**
The information on the critical GAP for use of the formulated product BAS 684 03 H is given in MCA chapter 6.3 of the dossier.
In oilseed rape, an early postemergence application (BBCH 00-18) is intended. In wheat, the intended use is also an early postemergence application (BBCH 00-29). For both crops, the pre-harvest intervals are fixed by use - harvest takes place at crop maturity.

**Re-entry period (in days) for livestock to areas to be grazed**
Because BAS 684 03 H is not intended to be used in areas to be grazed, no re-entry period for livestock has to be defined.

**Re-entry period (in hours or days) for man to crops, buildings or spaces treated**
No specific re-entry period. Spray deposits should have dried before re-entry.

**Withholding period (in days) for animal feeding stuffs**
The use of BAS 684 03 H is intended for oilseed rape and wheat. Only very low residues of BAS 684 03 H in feed items thereof (oilseed rape seed, wheat straw and grain) were detected. These residues were considered in calculating a worst case feed burden and MRL proposals were derived for products of animal origin based on extrapolations from the livestock metabolism studies. No detectable residues in animal matrices are expected by the intended use of BAS 684 03 H. Therefore, no withholding period for animal feeding stuff is required.

**Waiting period (in days) between application and handling of treated products**
Not relevant, treatment at early growth stage of the crop with no handling of the crop before maturation.

**Waiting period (in days) between last application and sowing or planting succeeding crops** As the confined rotational crop study (see MCA chapter 6.6) has shown, very low residues closely at the detection limit were observed in edible succeeding crops. Residues in feed items from succeeding crops are covered by the calculated feedburden and derived MRL proposals for products of animal origin. No residues are expected in succeeding crops after the intended use of BAS 684 03 H and consequently no waiting period is necessary between last application and sowing or planting succeeding crops.

**Information on specific conditions under which the preparation may or may not be used**
Not applicable

## B.4.2. RECOMMENDED METHODS AND PRECAUTIONS

The applicant has provided the following information:

The tests for deriving a proper cleaning procedure after using BAS 684 03 H is described in DocID 2017/1191180.
Common agricultural practice implies cleaning of application equipment direct after use. When the field sprayer is being cleaned with water direct after the use of BAS 684 03 H in the worst possible case, the contamination in the spray immediately afterwards is negligible.

Therefore, cleaning the sprayer solely with water may be regarded as completely adequate in the case of BAS 684 03 H. It is not necessary to add cleaning agents.

Protective clothing will be cleaned effectively when washed with usual laundry detergents, by the reason that agrochemical formulations are designed for excellent mixing with water.

In total 4 mixtures of BAS 684 03 H with other plant protection products were tested. The following products were tested as possible tank mixing partners: BAS 773 01 H (Butisan Avant), BAS 798 01 H (Vantiga) + BAS 160 00 S (Dash), BAS 797 00 H (Cleranda) + BAS 160 00 S (Dash) and BAS 9323 0 H (Colzor Trio).
All mixtures were determined to be physically compatible and can be used in spray applications.

If other tank mixing partners then those listed in above are used, lab tests with small quantities are recommended prior mixing the product with other products.

## B.4.3. EMERGENCY MEASURES IN CASE OF AN ACCIDENT

The applicants states the following:

The safety data sheet contains advice for emergency measures in case of an accident with BAS 684 03 H, based on scientific tests. The SDS has the DocID 2017/1199991 of the dossier.

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

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|---|---|
| Report: | CP 4.4/1<br>Maurer B., 2017 a<br>EU-Performance test of BAS 684 03 H with AGRO-Packaging made of Coex-materials HDPE with barrier layer<br>2017/1053963 |
| Guidelines: | none |
| GLP: | no |

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|---|---|
| Report: | CP 4.4/2<br>Maurer B., 2017 b<br>EU-Performance test of BAS 684 03 H - AGRO-Packaging made of HDPE with fluorinated barrier<br>2017/1054237 |
| Guidelines: | none |
| GLP: | no |

BAS 684 03 H is to be marketed in high-density polyethylene containers with an inner barrier, e.g., polyamide (PA/PE) or fluorination (f-HDPE), with a minimum wall thickness of 0.7 mm. They are sealed by foil seals or by polyamide laminated PE-foam gaskets, protected by screw caps of polyethylene.

| | | |
|---|---|---|
| 0,15 litre bottle | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Cylindrical / approx. 63 mm diameter x 92 mm |
| | opening: | 42 mm inner diameter |
| | closure: | screw cap |
| | seal: | Induction sealed |
| 0,25 litre bottle | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Cylindrical / approx. 63 mm diameter x 126 mm |

| | | |
|---|---|---|
| | opening: | 42 mm inner diameter |
| | closure: | screw cap |
| | seal: | Induction sealed |
| 0.5 litre bottle | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Cylindrical / approx. 69 mm diameter x 185.5 mm |
| | opening: | 42 mm inner diameter |
| | closure: | screw cap |
| | seal: | Induction sealed |
| 1 litre bottle | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Cylindrical / approx. 88.5 mm diameter x 234 mm |
| | opening: | 42 mm inner diameter |
| | closure: | screw cap |
| | seal: | Induction sealed |
| 1 litre eco-bottle | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Cylindrical / approx. 88.5 mm diameter x 234 mm |
| | opening: | 54 mm inner diameter |
| | closure: | screw cap |
| | seal: | gasket |
| 3 litre container | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Rectangular / approx. 190 mm x 140 mm x 241 mm |
| | opening: | 54 mm inner diameter |
| | closure: | screw cap |
| | seal: | Induction sealed |
| 5 litre container | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Rectangular / approx. 190 mm x 140 mm x 313 mm |
| | opening: | 54 mm inner diameter |
| | closure: | screw cap |
| | seal: | Induction sealed |
| 5 litre eco-container | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Rectangular / approx. 185 mm x 136 mm x 313 mm |
| | opening: | 54mm inner diameter |
| | closure: | screw cap |
| | seal: | gasket |
| 10 litre container | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Rectangular / approx. 230 mm x 165 mm x 375 mm |
| | opening: | 54 mm inner diameter |
| | closure: | screw cap |
| | seal: | Induction sealed |
| 10 litre eco-container | material: | PA/PE (Coex) or f-HDPE |
| | shape/size: | Rectangular / approx. 230 mm x 187 mm x 358 mm |
| | opening: | 54mm inner diameter |
| | closure: | screw cap |
| | seal: | gasket |
| 50 litre container | material: | F-HDPE (fluorinated) |
| | shape/size: | Cylindrical / approx. 380 mm x 618 mm (d x h) |
| | opening: | 52 mm inner diameter |
| | closure: | screw cap + valve |
| | seal: | gasket |

**Suitability of the packaging and closures**

| **Report:** | **217.0084.0017 TB02** |
|---|---|
| Title: | EU performance tests of BAS 684 03 H (PE/PA bottle, COEX, 1 L, Spec.-No. 775 5108 (83 g)) |
| Document No: | BASF DocID 2017/1053963 |
| Guidelines: | ADR/RID |
| GLP | No |

| | **217.0084.0017 TB01** |
|---|---|
| Title: | EU performance tests of BAS 684 03 H (f-HDPE, 1 L, Spec. -No. 775 5109) |
| Document No: | BASF DocID 2017/1054237 |
| Guidelines: | ADR/RID |
| GLP | No |

The pack complies with ADR/RID regulations. It was tested according to the pack type, material, classification of the contents as specified in ADR regulations. An appropriate UN certificate has been issued. They are labelled individually with all the use instructions.

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

### B.4.5.1. Neutralisation procedure

The applicant states the following:

The pH of BAS 684 03 H is in a range between 6 and 7 as aqueous solution. Therefore, the proposal of a neutralization procedure is not considered to be necessary. Any spilled product and contaminated soil or water has to be absorbed and disposed according to the use instructions.

### B.4.5.2. Controlled incineration

The applicant provided the following information:

For purposes of disposal, combustion of BAS 684 03 H at a licensed incinerator is recommended. This method of disposal applies also to contaminated packages, which cannot be cleaned or reused.
Although it is possible to incinerate the product at lower temperatures, combustion at approximately 1100°C with a residence time of about 2 seconds is advised. By doing so, i.e. operating the incinerator according to the conditions laid down in council directive 94/67/EEC resp. directive 2010/75/EU of the European Parliament, one will achieve complete combustion and minimize the formation of undesired by-products in the off-gases.

## B.4.6. REFERENCES RELIED ON

| Data Point | Author(s) | Year | Title Company 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 4.2/1 | Ott C. | 2017 a | Effectiveness of procedures for cleaning application equipment and protective clothing - BAS 684 03 H 2017/1191180 BASF SE, Limburgerhof, Germany Fed.Rep. no Unpublished | No | No | Not applicable | BASF | |
| KCP 4.3/1 | Anonymous | 2017 a | Safety data sheet - BAS 684 03 H 2017/1199991 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. no Unpublished | No | No | Not applicable | BASF | |
| KCP 4.4/1 | Maurer B. | 2017 a | EU-Performance test of BAS 684 03 H with AGRO-Packaging made of Coex-materials HDPE with barrier layer 2017/1053963 BASF SE, Ludwigshafen/Rhein, Germany Fed.Rep. no Unpublished | No | No | Not applicable | BASF | |
| KCP 4.4/2 | Maurer B. | 2017 b | EU-Performance test of BAS 684 03 H - AGRO-Packaging made of HDPE with fluorinated barrier 2017/1054237 BASF SE, | No | No | Not applicable | BASF | |

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|---|---|---|---|---|---|---|---|---|
| | | | Ludwigshafen/Rhein, Germany Fed.Rep.<br>no<br>Unpublished | | | | | |