

# FINAL REGISTRATION REPORT

## **Part B**

### **Section 7**

#### **Metabolism and Residues**

Detailed summary of the risk assessment

Product code: -

Product name: Repentol 6 PA/ Repentol 6 PA Bis

Chemical active substance:

quartz sand, 300 g/kg

Central Zone

Zonal Rapporteur Member State: Poland

#### CORE ASSESSMENT

(authorization, renewal of authorisation)

Applicant: DCR ~~Sp. z o.o.~~ S.A.

Submission date: 27/11/2023, 14/07/2024

MS Finalisation date: 05/2025; 09/2025

## Version history

| When       | What                                                                                                                                                                                                                             |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 27/11/2023 | Update of dRR/RR including name of applicant, classification, extension of authorisation for non-professional uses, minor uses extension, dose reduction and label extension, change of packaging. Details in Part B0 point 0.1. |
| 27/11/2023 | Update of dRR/RR for renewal of PPP authorisation acc. to Art. 43 Reg. 1107/2023.                                                                                                                                                |
| 17/07/2024 | Update of renewal dRR/RR after applicant's name change.                                                                                                                                                                          |
| 05/2025    | ZRMS assessment                                                                                                                                                                                                                  |
| 09/2025    | The final Registration Report                                                                                                                                                                                                    |

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## 7 Metabolism and residue data (KCA section 6)

### 7.1 Summary and zRMS Conclusion

#### 7.1.1 Critical GAP(s) and overall conclusion

##### **zRMS:**

Quartz sand has been renewed by Commission Implementing Regulation (EU) 2023/1488 as a low-risk active substance under Regulation (EC) No 1107/2009. No MRLs are required. Quartz sand is listed in Annex IV of Regulation 396/2005.  
Proposed uses are accepted.

##### **Selection of critical uses and justification**

The critical GAPs for the preparation Repentol 6 PA / Repentol 6 PA Bis are presented in Table 7.1-1. They have been selected from the individual GAPs in the zone for forestry and minor crops. A list of all intended uses within the zone is given in Part B, Section 0.

##### **Overall conclusion**

Repentol 6 PA / Repentol 6 PA Bis is to be applied on plants and will not be used on edible parts of crops hence no residue studies, processing studies, studies on residues in succeeding crops were submitted. No consumer risk assessment is also required.

According to available data, no specific mitigation measures should apply.

##### **Data gaps**

Data gaps should be listed in the summary to give an overview (especially for cMS).

Noticed data gaps are:

- none

**Table 7.1-1: Acceptability of critical GAPs (and respective fall-back GAPs, if applicable) / all intended uses**

| 1                                  | 2                                                                                                                                       | 3    | 4            | 5                             | 6                                                | 7           |             | 8                                                                    |                                                                                                    |                |                                     | 9                              |                    |                                                        | 10         | 11         |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------|--------------|-------------------------------|--------------------------------------------------|-------------|-------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------|-------------------------------------|--------------------------------|--------------------|--------------------------------------------------------|------------|------------|
| GAP number<br>(see part B.0)*      | Crop and/<br>or situation<br>**                                                                                                         | Zone | Product code | F, Fn, Fpn G, Gn, Gpn or I*** | Pests or Group of pests controlled               | Formulation |             | Application                                                          |                                                                                                    |                |                                     | Application rate per treatment |                    |                                                        | PHI (days) | Conclusion |
|                                    |                                                                                                                                         |      |              |                               |                                                  | Type        | Conc. of as | method kind                                                          | growth stage & season                                                                              | number min max | interval between applications (min) | kg as/hL min max               | water L/ha min max | kg as/ha min max                                       |            |            |
| Zonal uses                         |                                                                                                                                         |      |              |                               |                                                  |             |             |                                                                      |                                                                                                    |                |                                     |                                |                    |                                                        |            |            |
| 1                                  | Deciduous and coniferous trees in forestry                                                                                              | PL   | NR           | F<br>Fn                       | games and lagomorphs browsing damage             | PA          | 300 g/kg    | painting with rubber or gloves: terminal shoots of individual plants | autumn - winter (end of vegetation period and before start of browsing, 2-5 years old trees)       | a) 1<br>b) 1   | not relevant                        | not relevant                   | not relevant       | a) 0.75-1.2 kg/1000 trees<br>b) 0.75-1.2 kg/1000 trees | -          | A          |
| 2                                  | Deciduous and coniferous trees in forestry                                                                                              | PL   | NR           | F<br>Fn                       | games bark stripping                             | PA          | 300 g/kg    | painting with rubber or gloves: trees' bark                          | autumn - winter (end of vegetation period and before start of bark stripping, 2-5 years old trees) | a) 1<br>b) 1   | not relevant                        | not relevant                   | not relevant       | a) 2.4-3.0 kg/1000 trees<br>b) 2.4-3.0 kg/1000 trees   | -          | A          |
| Minor uses according to Article 51 |                                                                                                                                         |      |              |                               |                                                  |             |             |                                                                      |                                                                                                    |                |                                     |                                |                    |                                                        |            |            |
| 3                                  | Forest nursery plants, renewals, afforestation and seed plantations of forest trees, ornamental shrubs and trees, Christmas trees grown | PL   | NR           | F<br>Fn                       | games, lagomorphs, squirrel family beaver family | PA          | 300 g/kg    | painting with rubber or gloves: terminal shoots of individual plants | autumn - winter (end of vegetation period and before start of browsing, 2-5 years old trees)       | a) 1<br>b) 1   | not relevant                        | not relevant                   | not relevant       | a) 0.6-1.2 kg/1000 trees<br>b) 0.6-1.2 kg/1000 trees   | -          | A          |

|   |                                                                              |    |    |         |                                                     |    |          |                                                                      |                                                                                              |              |              |              |              |                                                      |   |   |
|---|------------------------------------------------------------------------------|----|----|---------|-----------------------------------------------------|----|----------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|------------------------------------------------------|---|---|
|   | on plantations                                                               |    |    |         |                                                     |    |          |                                                                      |                                                                                              |              |              |              |              |                                                      |   |   |
| 4 | Pear, plum, sweet cherry, sour cherry, peach, apricot, hazel, walnut, quince | PL | NR | F<br>Fn | games, lagomorphs, squirrel family<br>beaver family | PA | 300 g/kg | painting with rubber or gloves: terminal shoots of individual plants | autumn - winter (end of vegetation period and before start of browsing, 2-5 years old trees) | a) 1<br>b) 1 | not relevant | not relevant | not relevant | a) 0.6-1.2 kg/1000 trees<br>b) 0.6-1.2 kg/1000 trees | - | A |
| 5 | Gooseberry, choke berry, highbush blueberry, vines                           | PL | NR | F<br>Fn | games, lagomorphs, squirrel family<br>beaver family | PA | 300 g/kg | painting with rubber or gloves: terminal shoots of individual plants | autumn - winter (end of vegetation period and before start of browsing, 2-5 years old trees) | a) 1<br>b) 1 | not relevant | not relevant | not relevant | a) 0.6-1.2 kg/1000 trees<br>b) 0.6-1.2 kg/1000 trees | - | A |
| 6 | Ornamental trees, Christmas trees grown on plantations                       | PL | NR | F<br>Fn | games bark stripping                                | PA | 300 g/kg | painting with rubber or gloves: trees' bark                          | autumn - winter (end of vegetation period and before start of bark stripping)                | a) 1<br>b) 1 | not relevant | not relevant | not relevant | a) 2.4-3.3 kg/1000 trees<br>b) 2.4-3.3 kg/1000 trees | - | A |
| 7 | Pear, plum, sweet cherry, sour cherry, peach, apricot, hazel, walnut         | PL | NR | F<br>Fn | games bark stripping                                | PA | 300 g/kg | painting with rubber or gloves: trees' bark                          | autumn - winter (end of vegetation period and before start of bark stripping)                | a) 1<br>b) 1 | not relevant | not relevant | not relevant | a) 2.4-3.3 kg/1000 trees<br>b) 2.4-3.3 kg/1000 trees | - | A |

\* Use number(s) in accordance with the list of all intended GAPs in Part B, Section 0 should be given in column 1

\*\* Use also code numbers according to Annex I of Regulation (EU) No 396/2005

\*\*\* F: professional field use, Fn: non-professional field use, Fpn: professional and non-professional field use, G: professional greenhouse use, Gn: non-professional greenhouse use, Gpn: professional and non-professional greenhouse use, I: indoor application

Explanation for Column 11 "Conclusion"

|   |                                                                |
|---|----------------------------------------------------------------|
| A | Exposure acceptable without risk mitigation measures, safe use |
| R | Further refinement and/or risk mitigation measures required    |
| N | Exposure not acceptable, no safe use                           |

## 7.1.2 Summary of the evaluation

The preparation Repentol 6 PA is composed of quartz sand. No ADI and ARfD values were derived during evaluation of this active substance.

### 7.1.2.1 Summary for quartz sand

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on plants and will not be used on edible parts of crops hence no residue studies, processing studies, studies on residues in succeeding crops were submitted. No consumer risk assessment is required.

### 7.1.2.2 Summary for Repentol 6 PA

**Table 7.1-2: Information on Repentol 6 PA (KCA 6.8)**

| Crop                                                                                                                                                   | PHI for Repentol 6 PA proposed by applicant | PHI/ Withholding period* sufficiently supported for quartz sand | PHI for Repentol 6 PA proposed by zRMS | zRMS Comments (if different PHI proposed) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------------------------|----------------------------------------|-------------------------------------------|
| Forest nursery plants, renewals, afforestation and seed plantations of forest trees, ornamental shrubs and trees, Christmas trees grown on plantations | NR                                          | NR                                                              |                                        |                                           |
| Pear, plum, sweet cherry, sour cherry, peach, apricot, hazel, walnut, quince                                                                           | NR                                          | NR                                                              |                                        |                                           |
| Gooseberry, choke berry, highbush blueberry, vines                                                                                                     | NR                                          | NR                                                              |                                        |                                           |
| Ornamental trees, Christmas trees grown on plantations                                                                                                 | NR                                          | NR                                                              |                                        |                                           |
| Pear, plum, sweet cherry, sour cherry, peach, apricot, hazel, walnut                                                                                   | NR                                          | NR                                                              |                                        |                                           |

NR: not relevant

\* Purpose of withholding period to be specified

\*\* F: PHI is defined by the application stage at last treatment (time elapsing between last treatment and harvest of the crop).

No waiting period for succeeding crops is applicable. Additionally, quartz sand naturally occurs in the environment.

## 7.2 Quartz sand

General data on quartz sand are summarized in the table below.

**Table 7.2-1: General information on quartz sand**

|                                    |                                     |
|------------------------------------|-------------------------------------|
| Active substance (ISO Common Name) | quartz sand (no ISO name allocated) |
|------------------------------------|-------------------------------------|

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IUPAC                                     | quartz, dioxosilane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Chemical structure                        | $\text{O}=\text{Si}=\text{O}$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Molecular formula                         | $\text{SiO}_2$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Molar mass                                | 60.08 g/mol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Chemical group                            | inorganic compound                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Mode of action (if available)             | mechanical contact action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Systemic                                  | no                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Company                                   | not relevant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Rapporteur Member State (RMS)             | Austria (1 <sup>st</sup> approval)<br>Latvia (renewal of approval)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Approval status                           | Commission Directive 2008/127/EC of 18 December 2008 amending Council Directive 91/414/EEC to include several active substances<br><a href="http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008L0127">http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32008L0127</a><br>Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances<br><a href="http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32011R0540">http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32011R0540</a><br>Commission Implementing Regulation (EU) No 369/2012 of 27 April 2012 amending Implementing Regulation (EU) No 540/2011 as regards the conditions of approval of the active substances blood meal, calcium carbide, calcium carbonate, limestone, pepper and quartz sand<br><a href="http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32012R0369">http://eur-lex.europa.eu/legal-content/EN/ALL/?uri=CELEX:32012R0369</a><br>Commission Implementing Regulation (EU) 2023/1488 of 6 July 2023 renewing the approval of the low-risk active substance quartz sand in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council, and amending Commission Implementing Regulation (EU) No 540/2011<br><a href="https://eur-lex.europa.eu/eli/reg_impl/2023/1488/oj">https://eur-lex.europa.eu/eli/reg_impl/2023/1488/oj</a> |
| Restriction                               | For the implementation of the uniform principles, as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the renewal report on quartz sand, and in particular Appendices I and II thereof, shall be taken into account. Conditions of use shall include risk mitigation measures, where appropriate.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Review Report                             | EFSA Journal 2022;20(9):7552<br>Renewal Report (PLAN/2022/2457 RR Rev 2, 25 May 2023)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Current MRL regulation                    | not relevant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Current MRL applications on intended uses | not relevant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

\* Notifier in the EU process to whom the a.s. belong(s)

## **7.2.1 Stability of Residues (KCA 6.1)**

### **7.2.1.1 Stability of residues during storage of samples**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no stability of residues studies are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

### **7.2.1.2 Stability of residues in sample extracts (KCA 6.1)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no stability of residues studies are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

## **7.2.2 Nature of residues in plants, livestock and processed commodities**

### **7.2.2.1 Nature of residue in primary crops (KCA 6.2.1)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunks and will not be used on edible parts of crops hence no studies on residues in primary crops are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

### **7.2.2.2 Nature of residue in rotational crops (KCA 6.6.1)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no studies on residues in rotational crops are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

### **7.2.2.3 Nature of residues in processed commodities (KCA 6.5.1)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no studies on residues in processed commodities are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

### **7.2.2.4 Conclusion on the nature of residues in commodities of plant origin (KCA 6.7.1)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework

of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no studies on residues in processed commodities are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

#### **7.2.2.5 Nature of residues in livestock (KCA 6.2.2-6.2.5)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no studies on nature of residues in commodities of plant origin are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

#### **7.2.2.6 Conclusion on the nature of residues in commodities of animal origin (KCA 6.7.1)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no studies on nature of residues in commodities of animal origin are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

### **7.2.3 Magnitude of residues in plants (KCA 6.3)**

#### **7.2.3.1 Summary of European data and new data supporting the intended uses**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no residues studies are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

#### **7.2.3.2 Conclusion on the magnitude of residues in plants**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on forestry trees, bushes, trees and tree trunk and will not be used on edible parts of crops hence no residues studies are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

### **7.2.4 Magnitude of residues in livestock**

#### **7.2.4.1 Dietary burden calculation**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops hence no dietary burden calculation is required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

#### **7.2.4.2 Livestock feeding studies (KCA 6.4.1-6.4.3)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops hence no livestock feeding studies are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

#### **7.2.5 Magnitude of residues in processed commodities (Industrial Processing and/or Household Preparation) (KCA 6.5.2-6.5.3)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops hence no processing studies are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

##### **7.2.5.1 Available data for all crops under consideration**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

##### **7.2.5.2 Conclusion on processing studies**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

#### **7.2.6 Magnitude of residues in representative succeeding crops**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops hence no studies on residues in succeeding crops are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

##### **7.2.6.1 Field rotational crop studies (KCA 6.6.2)**

No data available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops hence no rotational crops studies are required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

##### **7.2.7 Other / special studies (KCA6.10, 6.10.1)**

Not relevant. No other/special studies were submitted.

## **7.2.8 Estimation of exposure through diet and other means (KCA 6.9)**

### **7.2.8.1 Input values for the consumer risk assessment**

No consumer risk assessment available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops hence no risk assessment for consumers is required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

### **7.2.8.2 Conclusion on consumer risk assessment**

No consumer risk assessment is available in [RAR and EFSA Journal 2022;20\(9\):7552](#). No new data were submitted in the framework of this application. Repentol 6 PA is to be applied on bushes, trees and tree trunk and will not be used on edible parts of crops hence no risk assessment for consumers is required. Additionally, no MRLs are considered necessary to be fixed. Quartz sand is listed in Annex IV of Regulation 396/2005.

## **7.3 Combined exposure and risk assessment**

### **7.3.1 Acute consumer risk assessment from combined exposure**

Not relevant. The product contains only one active substance.

## **7.4 References**

- [Renewal Assessment Report for quartz sand](#)
- [Peer review of the pesticide risk assessment of the active substance quartz sand \(EFSA Journal 2022;20\(9\):7552\)](#)

## Appendix 1 Lists of data considered in support of the evaluation

Tables considered not relevant can be deleted as appropriate.

MS to blacken authors of vertebrate studies in the version made available to third parties/public.

### List of data submitted by the applicant and relied on

| Data point | Author(s) | Year | Title<br>Company Report No.<br>Source (where different from company)<br>GLP or GEP status<br>Published or not | Vertebrate<br>study<br>Y/N | Owner |
|------------|-----------|------|---------------------------------------------------------------------------------------------------------------|----------------------------|-------|
| -          | -         | -    | -                                                                                                             | -                          | -     |

### List of data submitted or referred to by the applicant and relied on, but already evaluated at EU peer review

| Data point | Author(s) | Year | Title<br>Company Report No.<br>Source (where different from company)<br>GLP or GEP status<br>Published or not | Vertebrate<br>study<br>Y/N | Owner |
|------------|-----------|------|---------------------------------------------------------------------------------------------------------------|----------------------------|-------|
| -          | -         | -    | -                                                                                                             | -                          | -     |

The following tables are to be completed by MS.

**List of data submitted by the applicant and not relied on**

| <b>Data point</b> | <b>Author(s)</b> | <b>Year</b> | <b>Title<br/>Company Report No.<br/>Source (where different from company)<br/>GLP or GEP status<br/>Published or not</b> | <b>Vertebrate<br/>study<br/>Y/N</b> | <b>Owner</b> |
|-------------------|------------------|-------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|
| -                 | -                | -           | -                                                                                                                        | -                                   | -            |

**List of data relied on and not submitted by the applicant but necessary for evaluation**

| <b>Data point</b> | <b>Author(s)</b> | <b>Year</b> | <b>Title<br/>Company Report No.<br/>Source (where different from company)<br/>GLP or GEP status<br/>Published or not</b> | <b>Vertebrate<br/>study<br/>Y/N</b> | <b>Owner</b> |
|-------------------|------------------|-------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|
| -                 | -                | -           | -                                                                                                                        | -                                   | -            |

## **Appendix 2    Detailed evaluation of the additional studies relied upon**

### **A 2.1            Quartz sand**

#### **A 2.1.1            Stability of residues**

##### **A 2.1.1.1            Stability of residues during storage of samples**

No new studies were submitted.

##### **A 2.1.1.1.1            Storage stability of residues in plant products**

No new studies were submitted.

##### **A 2.1.1.1.2            Storage stability of residues in animal products**

No new studies were submitted.

#### **A 2.1.2            Nature of residues in plants, livestock and processed commodities**

##### **A 2.1.2.1            Nature of residue in plants**

##### **A 2.1.2.1.1            Nature of residue in primary crops**

No new studies were submitted.

##### **A 2.1.2.1.2            Nature of residue in rotational crops**

No new studies were submitted.

##### **A 2.1.2.1.3            Nature of residues in processed commodities**

No new studies were submitted.

##### **A 2.1.2.2            Nature of residues in livestock**

No new studies were submitted.

#### **A 2.1.3            Magnitude of residues in plants**

No new studies were submitted.

**A 2.1.4                    Magnitude of residues in livestock**

No new studies were submitted.

**A 2.1.5                    Magnitude of residues in processed commodities (Industrial Processing and/or Household Preparation)**

No new studies were submitted.

**A 2.1.6                    Magnitude of residues in representative succeeding crops**

No new studies were submitted.

**A 2.1.7                    Other/Special Studies**

No other/special studies were submitted.

## **Appendix 3    Pesticide Residue Intake Model (PRIMo)**

### **A 3.1            TMDI calculations**

Not relevant.

### **A 3.2            IEDI calculations**

Not relevant.

### **A 3.3            IESTI calculations - Raw commodities**

Not relevant.

### **A 3.4            IESTI calculations - Processed commodities**

Not relevant.

## **Appendix 4    Additional information provided by the applicant**

Not relevant. No additional information is provided.