

Section A2

Identity of Active Substance

Annex Point IIA2

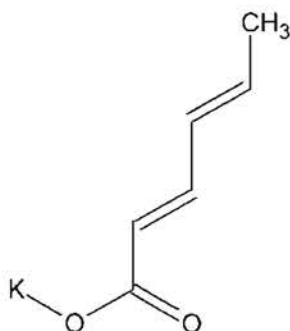
Official use only

- 2.1 **Common name (IIA2.1)** Potassium sorbate
- 2.2 **Chemical name (IIA2.2)** Potassium (E,E)-hexa-2,4-dienoate
CAS-Name: 2,4-Hexadienoic acid, potassium salt
- 2.3 **Manufacturer's development code number(s) (IIA2.3)** [REDACTED]
- 2.4 **CAS No and EC numbers (IIA2.4)**
 - 2.4.1 CAS-No 24634-61-5
 - 2.4.2 EC-No EINECS-No.: 246-376-1
 - 2.4.3 Other Registered as a food additive.
Substance identification: E 202

2.5 Molecular and structural formula, molecular mass (IIA2.5)

2.5.1 Molecular formula $C_6H_7KO_2$

2.5.2 Structural formula



2.5.3 Molecular mass 150.22 g/mol

2.6 Method of manufacture of the active substance (IIA2.6)

[REDACTED]

2.7 **Specification of the purity of the active substance, as appropriate (IIA2.7)** > 99 % w/w
i.e. a purity range of 99–100 % w/w

2.8 **Identity of impurities and additives, as appropriate (IIA2.8)** See separate standard format

2.8.1 **Isomeric composition** Not relevant:
The Sorbate anion consists of a single isomer.

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<p>2.9</p>	<p>The origin of the natural active substance or the precursor(s) of the active substance (IIA2.9)</p>	<p>Official use only</p>
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Evaluation by Competent Authorities	
Use separate "evaluation boxes" to provide transparency as to the comments and views submitted	
EVALUATION BY RAPPORTEUR MEMBER STATE	
Date	██████████
Materials and methods	██
Conclusion	██
Reliability	█
Acceptability	██████████
Remarks	██
COMMENTS FROM ...	
Date	<i>Give date of comments submitted</i>
Results and discussion	<i>Discuss additional relevant discrepancies referring to the (sub)heading numbers and to applicant's summary and conclusion. Discuss if deviating from view of rapporteur member state</i>
Conclusion	<i>Discuss if deviating from view of rapporteur member state</i>
Reliability	<i>Discuss if deviating from view of rapporteur member state</i>
Acceptability	<i>Discuss if deviating from view of rapporteur member state</i>
Remarks	

Section A2.10 Exposure data in conformity with Annex VIIA to Council Directive 92/32/EEC (OJ No L, 05.06.1992, p. 1) amending Council Directive 67/548/EEC
Annex Point II A2.10

Subsection

Official use only

2.10.1 Human exposure towards active substance

2.10.1.1 Production See separate information sheet (A2.10.1). A2.10.1 is provided separately as confidential data, since the details of the manufacturing process are considered to be commercial secrets of [REDACTED].

2.10.1.2 Intended use(s) Human exposure during use is considered to be product-related. Thus, exposure estimates are provided in Document III-B, Section 6.6 (Information related to the exposure of the biocidal product).

2.10.2 Environmental exposure towards active substance

X

2.10.2.1 Production

(i) Releases into water Release expected to be negligible since produced in a closed system.

X

(ii) Releases into air Release expected to be negligible due to negligible volatility.

X

(iii) Waste disposal No data available

X

2.10.2.2 Intended use(s) PT 8 (wood preservatives), protection against infestation by blue stain and other wood disfiguring fungi for a limited time – between sawmill and further processing (usually 2–4 weeks).

X

Affected compartments: Mackay model:
 Reference A2.10.2/01:
 [REDACTED] (2004) Estimation of distribution in the environment of Potassium sorbate. [REDACTED]

X

Water 100 %

Sediment 3.75×10^{-5} %

Air 5.58×10^{-8} %

Soil 1.69×10^{-3} %

Predicted concentration in the affected compartments Predicted environmental concentrations are provided at Document II-B level.

X

Water See Document II-B

Sediment See Document II-B

Air See Document II-B

Soil See Document II-B

[REDACTED]
[REDACTED]

Section A2.10
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Exposure data in conformity with Annex VIIA to Council Directive 92/32/EEC (OJ No L, 05.06.1992, p. 1) amending Council Directive 67/548/EEC

Evaluation by Competent Authorities

EVALUATION BY RAPPORTEUR MEMBER STATE (*)

Date

[REDACTED]

Materials and Methods

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Section A2.10
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Exposure data in conformity with Annex VIIA to Council Directive 92/32/EEC (OJ No L, 05.06.1992, p. 1) amending Council Directive 67/548/EEC

<p>Results and discussion</p> <p>Conclusion</p> <p>Reliability</p> <p>Acceptability</p> <p>Remarks</p>	<p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p> <p>[REDACTED]</p>
<p>Date</p> <p>Materials and Methods</p> <p>Results and discussion</p> <p>Conclusion</p> <p>Reliability</p> <p>Acceptability</p> <p>Remarks</p>	<p>COMMENTS FROM ...</p>