

European Commission



**Combined Draft Renewal Assessment Report prepared according to
Regulation (EC) N° 1107/2009
and
Proposal for Harmonised Classification and Labelling (CLH Report)
according to Regulation (EC) N° 1272/2008**

Glyphosate

Volume 3 – B.1 (AS)

**Rapporteur Member State: Assessment Group on Glyphosate
(AGG) consisting of FR, HU, NL and SE**

Version History

When	What
2021/06	Initial RAR

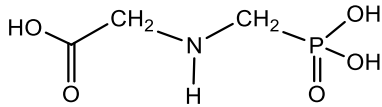
The RMS is the author of the Assessment Report. The Assessment Report is based on the validation by the RMS, and the verification during the EFSA peer-review process, of the information submitted by the Applicant in the dossier, including the Applicant's assessments provided in the summary dossier. As a consequence, data and information including assessments and conclusions, validated and verified by the RMS experts, may be taken from the applicant's (summary) dossier and included as such or adapted/modified by the RMS in the Assessment Report. For reasons of efficiency, the Assessment Report should include the information validated/verified by the RMS, without detailing which elements have been taken or modified from the Applicant's assessment. As the Applicant's summary dossier is published, the experts, interested parties, and the public may compare both documents for getting details on which elements of the Applicant's dossier have been validated/verified and which ones have been modified by the RMS. Nevertheless, the views and conclusions of the RMS should always be clearly and transparently reported; the conclusions from the applicant should be included as an Applicant's statement for every single study reported at study level; and the RMS should justify the final assessment for each endpoint in all cases, indicating in a clear way the Applicant's assessment and the RMS reasons for supporting or not the view of the Applicant.

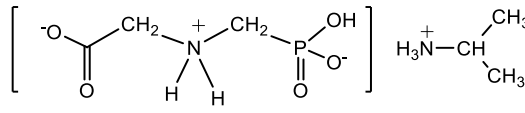
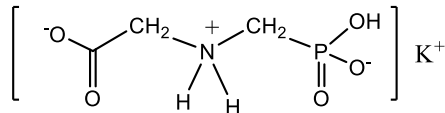
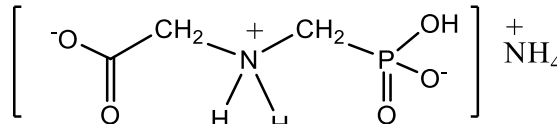
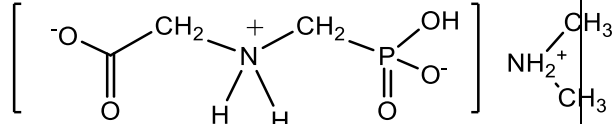
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B.1. IDENTITY**B.1.1. IDENTITY OF THE ACTIVE SUBSTANCE**

B.1.1.1. Common name proposed or ISO-accepted and synonyms	Common name (ISO): Glyphosate Related salt-types: Glyphosate-isopropyl-amine-salt Glyphosate-potassium-salt Glyphosate-ammonium-salt Glyphosate-dimethylammonium-salt
B.1.1.2. Chemical name (IUPAC and CA nomenclature)	
IUPAC	Glyphosate N-(phosphonomethyl)glycine <u>Glyphosate-isopropyl-amine-salt</u> N-(phosphonomethyl)glycine isopropylammonium <u>Glyphosate-potassium-salt</u> N-(phosphonomethyl)glycine monopotassium salt <u>Glyphosate-ammonium-salt</u> N-(phosphonomethyl)glycine monoammonium salt <u>Glyphosate-dimethylammonium-salt</u> N-(phosphonomethyl)glycine dimethylammonium salt
CA	<u>Glyphosate</u> Glycine, N-(phosphonomethyl)- <u>Glyphosate-isopropyl-amine-salt</u> N-(phosphonomethyl)glycine isopropylammonium salt <u>Glyphosate-potassium-salt</u> N-(phosphonomethyl)glycine potassium salt <u>Glyphosate-ammonium-salt</u> N-(phosphonomethyl)glycine ammonium salt <u>Glyphosate-dimethylammonium-salt</u> N-(phosphonomethyl)glycine dimethylammonium salt
B.1.1.3. Producer's development code number	Bayer uses the following code number: For Glyphosate technical material: MON 77973 For Glyphosate, isopropylamine salt: MON 0139 (62% aqueous solution), MON 77209 (dry solid) For Glyphosate, ammonium salt: MON 8750 For Glyphosate, potassium salt: MON 78623 Nufarm uses the following code numbers: Glyphosate Technical: CA2515 & CA3203
B.1.1.4. CAS, EEC and CIPAC numbers	
CAS	Glyphosate

	<p>CAS No.: 1071-83-6</p> <p>Glyphosate isopropyl-amine-salt CAS No.: 38641-94-0</p> <p>Glyphosate potassium-salt (monopotassium salt) CAS No.: 39600-42-5</p> <p>Glyphosate ammonium-salt CAS No.: 114370-14-8</p> <p>Glyphosate - dimethylammonium salt CAS No.: 34494-04-7</p>
EEC	<p>Glyphosate EC No.: 213-997-4</p> <p>Glyphosate isopropyl-amine-salt EC No.: 254-056-8</p> <p>Glyphosate potassium-salt (monopotassium salt) EC No.: 687-795-3</p> <p>Glyphosate ammonium-salt EC No.: 601-309-9</p> <p>Glyphosate - dimethylammonium salt EC No.: 696-134-8</p>
CIPAC	<p>Glyphosate CIPAC No.: 284</p> <p>Glyphosate isopropyl-amine-salt CIPAC No.: 284.105</p> <p>Glyphosate potassium-salt (monopotassium salt) CIPAC No.: 284.019</p> <p>Glyphosate ammonium-salt CIPAC No.: 284.007</p> <p>Glyphosate - dimethylammonium salt CIPAC No.: 284.102</p>
B.1.1.5. Molecular and structural formula, molecular mass	
Molecular formula	$C_3H_8NO_5P$
Structural formula	<p><u>Glyphosate</u></p> <p>Molecular formula: $C_3H_8NO_5P$</p> <p>Structural formula:</p>  <p>Molecular mass: 169.1 g/mol</p> <p><u>Glyphosate isopropyl-amine-salt</u></p>

	<p>Molecular formula: $C_6H_{17}N_2O_5P$</p> <p>Structural formula: </p> <p>Molecular mass: 228.18 g/mol</p> <p><u>Glyphosate potassium-salt (monopotassium salt)</u></p> <p>Molecular formula: $C_3H_7KNO_5P$</p> <p>Structural formula: </p> <p>Molecular mass: 207.19 g/mol</p> <p><u>Glyphosate - ammonium salt</u></p> <p>Molecular formula: $C_3H_{11}N_2O_5P$</p> <p>Structural formula: </p> <p>Molecular mass: 186.10 g/mol</p> <p><u>Glyphosate - dimethylammonium salt</u></p> <p>Molecular formula: $C_5H_{15}N_2O_5P$</p> <p>Structural formula: </p> <p>Molecular mass: 214.15 g/mol</p>
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B.1.1.6. Method of manufacture (synthesis pathway) of the active substance	CONFIDENTIAL information - data provided separately.
B.1.1.7. Specification of purity of the active substance in g/kg	Minimum purity: 950 g/kg
B.1.1.8. Identity and content of additives (such as stabilisers) and impurities	
<i>B.1.1.8.1. Additives</i>	CONFIDENTIAL information - data provided separately.
<i>B.1.1.8.2. Significant impurities</i>	CONFIDENTIAL information - data provided separately.
<i>B.1.1.8.3. Relevant impurities</i>	The active substance as manufactured contains 2 relevant impurities: Formaldehyde - maximum content : 1.0 g/kg N-nitroso glyphosate (NNG) – maximum content : 1.0 mg/kg
B.1.1.9. Analytical profile of batches	CONFIDENTIAL information - data provided separately

B.1.2. REFERENCES RELIED ON

No studies were provided for this section.