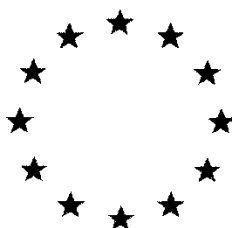


European Commission



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

ETHOFUMESATE

Volume 3 – B.1 (AS)

Rapporteur Member State: Austria
Co-Rapporteur Member State: Denmark

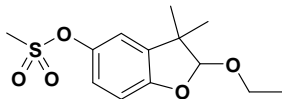
Version History

When	What
1998	Initial DAR
2015/01	DRAR

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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	Ethofumesate (ISO 1750, published), no synonyms
B.1.1.2. Chemical name (IUPAC and CA nomenclature)	
IUPAC	(<i>RS</i>)-2-ethoxy-2,3-dihydro-3,3-dimethylbenzofuran-5-yl methanesulfonate
CA	2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
B.1.1.3. Producer's development code number	Task force: <u>Bayer CropScience:</u> NC 8438 SN 49913 AE B049913 <u>Adama:</u> None allocated UPL Europe Ltd: HBX06
B.1.1.4. CAS, EEC and CIPAC numbers	
CAS	26225-79-6
EEC	247-525-3
CIPAC	233
B.1.1.5. Molecular and structural formula, molecular mass	
Molecular formula	C ₁₃ H ₁₈ O ₅ S
Structural formula	
Molecular mass	286.3 u

B.1.1.6. Method of manufacture (synthesis pathway) of the active substance	CONFIDENTIAL information - data provided separately in Volume 4 for Bayer CropScience, Adama and UPL
B.1.1.7. Specification of purity of the active substance in g/kg	<p>Racemic mixture (1:1)</p> <p>Task force Bayer CropScience min. 960 g/kg (DAR 1998 reference source) min. 970 g/kg (Renewal)</p> <p><u>Adama:</u> min. 975 g/kg</p> <p>UPL Europe Ltd min. 970 g/kg</p> <p>FAO 2007: min. 960 g/kg</p>
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 in Volume 4 for Bayer CropScience, Adama and UPL
<i>B.1.1.8.2. Significant impurities</i>	CONFIDENTIAL information - data provided separately in Volume 4 for Bayer CropScience, Adama and UPL
<i>B.1.1.8.3. Relevant impurities</i>	<p>EMS Chemical name (IUPAC): methanesulfonic acid ethyl ester CAS number: 62-50-0 Molecular formula: C₃ H₈ O₃ S Structural formula:</p> $\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{S}-\text{O}-\text{CH}_2\text{CH}_3 \\ \parallel \\ \text{O} \end{array}$ <p>Molecular mass: 124.16 u Max. content : 0.1 mg/kg</p> <p>IBMS Chemical name (IUPAC): ethyl, 1,1-dimethyl-2-[(methylsulfonyl)oxy]- CAS number: 16156-53-9 Molecular formula: C₅ H₁₂ O₃ S Structural formula:</p> $\begin{array}{c} \text{O} \\ \parallel \\ \text{H}_3\text{C}-\text{S}-\text{O}-\text{CH}_2-\text{C}(\text{CH}_3)_2 \\ \parallel \\ \text{O} \end{array}$ <p>Molecular mass: 152.21 u Max. content : 0.1 mg/kg</p>
B.1.1.9. Analytical profile of batches	CONFIDENTIAL information - data provided separately in Volume 4 for Bayer CropScience, Adama and UPL

B.1.2. REFERENCES RELIED ON

Please refer to the different Volume 4, confidential parts.