
Section A2 Identity of Active Substance

**Subsection
(Annex Point)**Official
use only

2.1	Common name (IIA2.1)	1-Propanol									
2.2	Chemical name (IIA2.2)	Propan-1-ol									
2.3	Manufacturer's development code number(s) (IIA2.3)	not applicable									
2.4	CAS No and EC numbers (IIA2.4)										
2.4.1	CAS-No	71-23-8									
2.4.2	EC-No	200-746-9 (EINECS)									
2.4.3	Other	EC No: 603-003-00-0 RTECS No: UH8225000									
2.5	Molecular and structural formula, molecular mass (IIA2.5)										
2.5.1	Molecular formula	C ₃ H ₈ O									
2.5.2	Structural formula	CH ₃ -CH ₂ -CH ₂ -OH									
2.5.3	Molecular mass	60.09 g/mol									
2.6	Method of manufacture of the active substance (IIA2.1)	As reported in the EU RAR, propan-1-ol is produced almost exclusively by the reaction of ethene with synthesis gas. Reaction is performed at 25-30 MPa and 140-180 °C in the liquid phase in the presence of cobalt carbonyl hydrogen as catalyst. After the separation of the catalyst the raw mixture obtained can be hydrogenated in the gaseous phase and in the liquid phase. By means of subsequent distillation the production of pure propan-1-ol is achieved.									
2.7	Specification of the purity of the active substance, as appropriate (IIA2.7)	g/kg	g/l	% w/w	% v/v						
				Min. 99.5 (BASF: 99.93; SASOL: 99.86)							
2.8	Identity of impurities and additives, as appropriate (IIA2.8)	Impurities of marketed propan-1-ol may vary depending on the purity grade (p.a. or technical product), on manufacturers handling and on single production specifications represented by a lot number. Impurities other than water are volatile components as well as acid contents in variable compositions.									
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">H₂O</td> <td style="width: 50%;">Max. 0.5%</td> </tr> <tr> <td>Other organic impurities</td> <td>Max. 0.3%</td> </tr> <tr> <td>Non volatile matter</td> <td>Max. 50 ppm</td> </tr> </table>				H ₂ O	Max. 0.5%	Other organic impurities	Max. 0.3%	Non volatile matter	Max. 50 ppm
H ₂ O	Max. 0.5%										
Other organic impurities	Max. 0.3%										
Non volatile matter	Max. 50 ppm										
2.8.1	Isomeric composition	not applicable									
2.9	The origin of the natural active	not applicable									

X

Section A2

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substance or the precursor(s) of the active substance (IIA2.9)


Evaluation by Competent Authorities	
<i>Use separate "evaluation boxes" to provide transparency as to the comments and views submitted</i>	
EVALUATION BY RAPporteur MEMBER STATE	
Date	2008/07/04
Materials and methods	The correct quotation of the following field entry is: Other: Index No: 603-003-00-0 RTECS No: UH8225000
Conclusion	-
Reliability	2
Acceptability	acceptable
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 A2.8

Identity of impurities and additives (active substance)

Annex Point IIA2.8

fill in one form for each impurity/additive

Subsection					Official use only
2.8.1.1	Common name	Water			
2.8.1.2	Function	None, impurity			X
2.8.2	IUPAC name	Hydrogen dioxide			X
2.8.3	CAS-No	7732-18-5			
2.8.4	EC-No	231-791-2 (EINECS)			
2.8.5	Other	CIPAC			
2.8.6	Molecular formula	H ₂ O			
2.8.7	Structural formula				
2.8.8	Molecular mass	18.0153 g/mol			
2.8.9	Concentration of the impurity or additive <i>typical and range of concentrations</i>	g/kg	g/l	% w/w Max. 0.5%	% v/v X

Evaluation by Competent Authorities	
<i>Use separate "evaluation boxes" to provide transparency as to the comments and views submitted</i>	
EVALUATION BY RAPPORTEUR MEMBER STATE	
Date	2008/03/17
Materials and methods	The correct quotation of the following field entry is: 2.8.1.2 Impurity 2.8.2 Water 2.8.9 Min.0 Max. 0.5 (typical 0.1-0.2)
Conclusion	-
Reliability	2
Acceptability	acceptable
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	