

Section A7		Phototransformation	
Annex Point A7.1.1.1.2			
JUSTIFICATION FOR NON-SUBMISSION OF DATA			Official use only
Other existing data []	Technically not feasible []	Scientifically unjustified [x]	
Limited exposure []	Other justification []		
Detailed justification:	<p>In the OECD Guidance Document (No.7, 1997) it is mentioned that no direct photoreaction is possible without absorption of light quanta. Only quanta of UV/visible light are energetic enough to break bonds between atoms in a molecule and only the wavelength range 290-800 nm is relevant for photolysis in the water compartment.</p> <p>As a consequence, chemicals that absorb light significantly only in the UV region below 290 nm, and in the IR region above 800 nm, can not undergo direct photolysis in the water compartment. The UV-spectrum of pure lactic acid shows that it is absorbed in the region of 210 to 250 nm. In a aqueous solution, lactoyllactic acid and dilactide may be present. When lactoyllactic acid is present, a shoulder at 275 nm is seen, and the UV-spectrum of lactic acid containing dilactide shows a shoulder at 270-290 nm.</p> <p>The UV-spectrum of lactic acid shows that no absorbance in the wavelength range of 290-800 nm occurs; therefore no direct phototransformation is expected.</p>		
Undertaking of intended data submission []	Not applicable		
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	2009/03/03		
Evaluation of applicant's justification	Applicant's justification is accepted.		
Conclusion	Applicant's justification can be adopted.		
Remarks			
COMMENTS FROM OTHER MEMBER STATE <i>(specify)</i>			
Date	<i>Give date of comments submitted</i>		
Evaluation of applicant's justification	<i>Discuss if deviating from view of rapporteur member state</i>		
Conclusion	<i>Discuss if deviating from view of rapporteur member state</i>		
Remarks			

