

















PS Health, Food Chain Safety and Environment						
Registration deadlines						
Class	Quantity	Deadline				
non phase-in substances	> 1 t/y	1 June 2008				
phase-in substances						
phase-in substances	> 1 000 t/y	30 November 2010				
phase-in substances classified CMR cat 1 or 2	> 1 t/y					
phase-in substances classified as R50-53 (very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment)	> 100 t/y					
phase-in substances	> 100 t/y	31 May 2013				
phase-in substances	> 1 t/y	31 May 2018				



FPS H	lealth, Food Chain Safety and Environment				
12					
14	information requirements				
	PHYSCHEM PROPERTIES	1			
		Annex VII	Annex VIII	Annex IX	Annex X
		1-10 t/y	10-100 t/y	100-1000 t/y	>1000 t/y
7.1	State of the substance at 20oC and 101,3 kPa				
7.2	Melting/freezing point				
7.3	Boiling point				
7.4	Relative density				
7.5	Vapour pressure				
7.6	Surface tension				
7.7	Water solubility				
7.8	Partition coefficient n-octanol/water				
7.9	Flash-point				
7.10	Flammability				
7.11	Explosive properties				
7.12	Self-ignition temperature				
7.13	Oxidising properties				
7.14	Granulometry				
7.15	Stability in organic solvents and identity of relevant degradation products				
7.16	Dissociation constant				
7.17	Viscosity				

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3	Information requirements				
	information requirements				
	TOXICOLOGICAL INFORMATION				
		Annex VII	Annex VIII	Annex IX	Annex X
		1-10 t/y	10-100 t/y	100-1000 t/y	>1000 t/y
8.1	Skin irritation or skin corrosion	in vitro			_
8.1.1	In vivo skin irritation		in vivo		
8.2	Eye irritation	in vitro			
8.2.1	In vivo eye irritation		in vivo		
8.3	Skin sensitisation	in vivo			
8.4	Mutagenicity				
8.4.1	In vitro gene mutation study in bacteria	in vitro			
8.4.2	In vitro cytogenicity study in mammalian cells or in vitro micronucleus study		in vitro		
8.4.3	In vitro gene mutation study in mammalian cells, if - result in 8.4.1. and section 8.4.2.		in vitro		
	Mutagenicity (in vivo) consider if + results	(possibly)	possibly	possibly	possibly
8.5	Acute toxicity				
8.5.1	By oral route	in vivo			
8.5.2	By inhalation		in vivo		
8.5.3	By dermal route		in vivo		
8.6	Repeated dose toxicity				
8.6.1	Short-term repeated dose toxicity study (28 days)		in vivo		
8.6.2	Sub-chronic toxicity study (90-day)			in vivo	
8.6.3	Long-term repeated toxicity study (≥ 12 months)				in vivo
8.7	Reproductive toxicity				
8.7.1	Screening for reproductive/developmental toxicity (OECD 421 or 422)		in vivo		
8.7.2	Pre-natal developmental toxicity study (B.31 or OECD 414), potential 2nd species		possibly	in vivo	
8.7.3	Two-generation reproductive toxicity study		possibly	in vivo	
8.8	Toxicokinetics				
8.8.1	Assessment of the toxicokinetic behaviour based on relevant available information		any info		
8.9	Carcinogenicity study				in vivo

FPS H	ealth, Food Chain Safety and Environment				
14	Information requirements				
		Annex VII 1-10 t/y	Annex VIII 10-100 t/y	Annex IX 100-1000 t/y	Annex X >1000 t/y
9.1.1 9.1.2 9.1.3 9.1.4 9.1.5 9.2.1 9.2.1 9.2.1.1 9.2.1.2 9.2.1.2 9.2.1.4 9.2.3 9.2.1.4 9.2.3 9.2.1.4 9.2.3 9.3.2 9.3.3 9.3.4 9.4.1 9.4.2 9.4.4 9.4.4 9.4.6 9.5.1	Short-term toxicity testing on invertebrates (Daphnia preferred) Growth inhibition study aquatic plants (algae preferred) Short-term toxicity testing on fish Activated sludge respiration inhibition testing Long-term toxicity testing on invertebrates (Daphnia preferred) Long-term toxicity testing on invertebrates (Daphnia preferred) Long-term toxicity testing on fish (FELS, embryo and sac-fry, or Fish juvenile growth test) Degradation Biotic Ready biodegradability Simulation testing Sediment simulation testing Abiotic Hydrolysis as a function of pH Identification of degradation products Fate and behaviour in the environment Adsorption/desorption screening Bioaccumulation in aquate species, preferably fish Further information on adsorption/desorption depending on the results of the study required Further information on the environmental fate and behaviour of the substance and/ore degr Effects on soil micro-organisms Short-term toxicity to plants Long-term toxicity testing on invertebrates Long-term toxicity testing on plants Long-term toxicity testing on plants	l in Annex VIII adation product	5		
Attention	This is a very simplified representation of the standard testing requirements!				















FPS Health, Food Chain Safety and	Environment						
<sup>22</sup> Information requirements							
COLUMN 1 STANDARD INFORMATION REQUIRED	COLUMN 2 SPECIFIC RULES FOR ADAPTATION FROM COLUMN 1						
<ul> <li>8.1. Skin irritation</li> <li>8.1.1. <i>In vivo</i> skin irritation</li> </ul>	<ul> <li>8.1.1. The study does not need to be conducted if:</li> <li>the substance is classified as corrosive to the skin or as a skin irritant, or</li> <li>the substance is a strong acid (pH ≤ 2,0) or base (pH ≥ 11.5), or</li> <li>the substance is flammable in air at room temperature, or</li> <li>the substance is classified as very toxic in contact with skin, or</li> <li>an acute toxicity study by the dermal route does not indicate skin irritation up to the limit dose level (2 000 mg/kg body weight).</li> </ul>						
C	.be						

<ul> <li>Information requirements</li> <li>Information on the physicochemical properties of the substance</li> </ul>					
	COLUMN 1 STANDARD INFORMATION REQUIRED	COLUMN 2 SPECIFIC RULES FOR ADAPTATION FROM COLUMN 1			
7.1.	State of the substance at 20 °C and 101,3 kPa				
7.2.	Melting/freezing point	7.2. The study does not need to be conducted below a lower limit of - 20 °C.			
7.3.	Boiling point	<ul> <li>7.3. The study does not need to be conducted:</li> <li>for gases, or</li> <li>for solids which either melt above 300 °C or decompose before boiling. In such cases the boiling point under reduced pressure may be estimated or measured, or</li> <li>for substances which decompose before boiling (e.g. auto-oxidation, rearrangement, degradation, decomposition, etc.).</li> </ul>			
7.4.	Relative density	7.4. The study does not need to be conducted if: — the substance is only stable in solution in a particular solvent and the solution density is similar to that of the solvent. In such cases, an indication of whether the solution density is higher or lower than the solvent density is sufficient, or — the substance is a gas. In this case, an estimation based on calculation shall be made from its mole- order weight are due to ded Cast sure.			

















Detail level = Basic fie	elds		Detail level	= All fields	
Test organisms -		Test organisms	(Additional fields	marked blue 🔆)	
Caracteria auratus	4	Carattion auranut	412	4	
		Details on test organisms			
Study design		4 # <del>*</del>	Freetort Template (delete/add elements ar	nd edit text set in [ . ] (K wy) as appropriate):	*
Inter A		<ul> <li>Common name: golden orte</li> <li>Source: Commercial Hatchery</li> </ul>	ABC, Stackton, UK		6
Water media type		Code & most special factor of	ere renge, skil nir uses		
freshwater R		Study design			
Limit test		static	419	4	
ne. •		Water media type			
Total exposure duration		frechadder	4		
48 h · Remarks deviates from test %		Limit test			
And the second second					
Lest conditions Any other information on materials and methods incl. tables		Tatal exposure duration			
		48 h • Pe	warts deviates from test %		
		Pact experience aborevation perior	1		
		10			
		Test conditions			
		no dere			
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etail level 1 = study summaries		Tast temperature			
$P_{\text{resis}} = \frac{1}{2} \frac{1}{$	5	20 +/- 1 *C (T) Subure in an	e of the control polutions measured at beginn	ing anit end of tests	
sasic neids decb narmonised templates)		1			
)etail level 2 = robust study sur	nmaries	7.3-7 € (1.54440			-
All fields = basic and additional fields OFCD h	armonised templates)	8.8 + 7.5 (509, 12m) 1800 mg/ 3.4-3.6 (3200, 5800 mg/L); for	details see Table 3		
		Dissolved oxygen, ut			20
		mg/LOZ 85-6 Stversels	(0 H), 8 1 - 8 3 at 3200 mg/L (6 H), 6 3-7 4 in at	vestels (48.9)	-
6.1.1 Short-term toxicity to	fich				•
o. r.r onort-term toxicity to	/ 1311	Salana			1.0
		1			e
		Rominal and measured (online)	work of		
		Huminal 0, 500, 1000, 1800, 33	100, 5 mg/L		-
		Details on test conditions			
		4 2 7	Frentest Template (delete/add elements in	nd edit text set in (-10f any) as appropriate)	¥
		- Test vesset 10 L all-glass age	aria (30x22x24 cm)		-
		- Type (perers if har supply shee)	and the		
		and the memory polyne co	-		













