

Table 1: Overview of data-gap analysis for all Ag substances

Endpoint	Silver metal	Silver nitrate	Silver(I)oxide	Disilver(I) sulphate	Silver carbonate	Silver chloride	Silver iodide	Silver fluoride	Silver bromide	Disilver arsenide	Disilver sulphide
	> 1000	100-1000	100-1000	1-10	1-10	100-1000	1-10	1-10	1-10	1-10	10-100
	Substances					Intermediates					
Aquatic toxicity											
Short-term toxicity on aquatic invertebrates											
Growth inhibition study aquatic plants (algae preferred)											
Short-term toxicity testing on fish											
Activated sludge respiration inhibition testing											
Long-term toxicity on aquatic invertebrates											
Long-term toxicity testing on fish											
Environmental fate and behaviour											
Ready biodegradability											
Simulation test on biodegradation in surface water											
Simulation test on biodegradation in soil											
Simulation test on biodegradation in sediment											
Abiotic degradation (hydrolysis)											
Identification of degradation products											
Screening Adsorption/desorption											
Bioaccumulation in aquatic species											
Further research adsorption/desorption											
Further research fate and behaviour in the environment											
Toxicity to soil and sediment organisms and birds											
Short-term toxicity to terrestrial invertebrates											
Effects on soil micro-organisms											
Short-term toxicity to terrestrial plants											
Long-term toxicity on terrestrial invertebrates											
Long-term toxicity on terrestrial plants											
Long-term toxicity to sediment organisms											
Long-term or reproductive toxicity to birds											

Legend:

	No information required based on tonnage, according to Annex VI to X of REACH
	No additional information required, only existing data must be submitted
	Waiving: no information required
	Reliable information available
	Reliable information available, but not required
	Test results needed for registration
	Test proposal must be included with registration dossier (depending on results of the chemical safety assessment)
	Read-across from other substances