

**Overview of exposure scenarios and coverage of substance life cycle**

Short description of Identified Use	Product Category (PC)	Life Cycle Stage(s) covered by the IU						Sector of use (SU)	Process Category (Proc)	Article Category (AC)	Environmental Release Category (ERC)
		Manufacture	Formulation	End Use			Service Life (for article)				
				Industrial	Professional	Consumer					
ES1: Production of calcium chloride	Not applicable	X						SU8 (SU3)	PROC1, PROC2, PROC3, PROC4, PROC6, PROC8a, PROC8b, PROC9, PROC15, PROC26	Not applicable	ERC1
ES2: Use of calcium chloride as chemical intermediate	Not applicable			X				SU8, SU9, SU14 (SU1, SU3, SU4, SU5, SU6b)	PROC1, PROC2, PROC3, PROC4, PROC6, PROC8a, PROC8b, PROC9, PROC15, PROC22a, PROC22b, PROC22c, PROC23a, PROC23b, PROC23c, PROC26 <sup>1</sup> , PROC27a <sup>2</sup> , PROC27b <sup>3</sup>	Not applicable	ERC6a

<sup>1</sup> No specific assessment has been performed with ECTOC TRA for this PROC, but activities for PROC 26 (handling of solid inorganic substances at ambient temperature) are covered within this scenario.

<sup>2</sup> No specific assessment has been performed with ECTOC TRA for this PROC, but activities for PROC27a (Production of metal powders (hot processes)) are covered within this scenario by PROC22 and PROC23.

<sup>3</sup> No specific assessment has been performed with ECTOC TRA for this PROC, but activities for PROC 27b (Production of metal powders (wet processes)) are covered

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				Industrial	Professional	Consumer					
ES3: Formulation and/or distribution of Calcium Chloride	Not applicable		X					SU19 (SU1, SU2a, SU2b, SU3, SU4, SU5, SU6b, SU8, SU11, SU12, SU13, SU14, SU15, SU19, SU20, SU0- C23.5/ C23.6)	PROC1, PROC2, PROC3, PROC5, PROC6, PROC8a, PROC8b, PROC9, PROC14, PROC15, PROC26 <sup>1</sup> , PROC27a <sup>2</sup> , PROC27b <sup>3</sup>	Not applicable	ERC2
ES4: Use of calcium chloride as processing aid	Not applicable			X				SU3 (SU1, SU2a, SU2b, SU4, SU5, SU6b, SU8, SU9, SU10, SU11, SU12, SU13, SU14, SU15, SU16, SU17)	PROC1, PROC2, PROC3, PROC4, PROC6, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC13, PROC15, PROC22a, PROC22b, PROC22c, PROC23a, PROC23b, PROC23c, PROC26 <sup>1</sup> , PROC27a <sup>2</sup> , PROC27b <sup>3</sup>	Not applicable	ERC4
ES5: Industrial outdoor use of calcium	Not applicable			X				SU3(SU1, SU2a, SU2b)	PROC1, PROC2, PROC5, PROC7,	Not applicable	ERC4

within this scenario.

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				Industrial	Professional	Consumer					
chloride-end use								PROC8a, PROC8b, PROC9, PROC13, PROC19, PROC26 <sup>1</sup> ,			
ES6: Professional indoor use of calcium chloride	Not applicable				X			SU22 (SU1, SU10, SU19, SU20, SU0-C23.5/ C23.6)	PROC1, PROC2, PROC3, PROC4, PROC5, PROC8a, PROC8b, PROC9 PROC10, PROC11, PROC15, PROC19, PROC20, PROC26 <sup>1</sup> ,	Not applicable	ERC8a, ERC8d
ES7: Professional outdoor use of calcium chloride	Not applicable				X			SU22 (SU1, SU5, SU10, SU13, SU19, SU20, SU0- C23.5/ C23.6)	PROC1, PROC2, PROC5, PROC8a, PROC8b, PROC9, PROC10 PROC11, PROC13, PROC19, PROC20 PROC26 <sup>1</sup>	Not applicable	ERC8d
ES8: Handling of (aqueous) calcium chloride				X	X			SU3,SU22 (SU1, SU2a,SU4,SU5,SU6 b,SU8,SU9, SU10,	PROC1, PROC2, PROC3, PROC4, PROC5, PROC6,	Not applicable	ERC1, ERC6a, ERC2, ERC4, ERC8a, ERC8d

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		Manufacture	Formulation	End Use			Service Life (for article)				
				Industrial	Professional	Consumer					
								SU11,SU12,SU13, SU14,SU15 SU19, SU20, SU0- C23.5/ C23.6)	PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC11, PROC13, PROC14, PROC15		
ES9: Handling of calcium chloride with low dustiness				X	X			SU3,SU22 (SU1, SU2a,SU4,SU5,SU6 b,SU8,SU9, SU10, SU11,SU12,SU13, SU14,SU15 SU19, SU20, SU0- C23.5/ C23.6)	PROC1, PROC2, PROC3, PROC4, PROC5, PROC6, PROC7, PROC8a, PROC8b, PROC9, PROC10, PROC11, PROC13, PROC14, PROC15, PROC22a, PROC22b, PROC22c, PROC23a, PROC23b, PROC23c	Not applicable	ERC1, ERC6a, ERC2, ERC4, ERC8a, ERC8d
ES10: Use of calcium chloride by consumers	PC2, PC5, PC35, PC37, PC4, PC12, PC 27,PC16, PC0- UCN code K35100					X		SU21	Not applicable	Not applicable	ERC8a, ERC8d

