

Use Descriptor mapping - FeF™ Quats

SU	PROC	ERC	PC	AC
Manufacturer				
1 SU8/SU9	Manufacture of fine chemicals PROC3 Use in closed batch process (synthesis or formulation) PROC8b Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at dedicated facilities PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	ERC1 Manufacture of substances	N/A	N/A
Formulation				
2 SU 10 SU6b	Formulation of pigments, resins, coatings, additives, cosmetics, pharmaceuticals etc. Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) Formulation [mixing] of preparations and/or re-packaging (excluding alloys) Manufacture of pulp, paper and paper products PROC5 PROC8a Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at non-dedicated facilities PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing) PROC14 Production of preparations or articles by tableting, compression, extrusion, pelletisation	ERC2 Formulation of preparations	N/A PC9a <i>Coatings and paints, thinners, paint removers</i> PC21 <i>Laboratory chemicals</i> <i>Paper and board dye, finishing and impregnation products: including bleaches and other processing aids</i> PC26 PC28 <i>Perfumes, fragrances</i> PC29 <i>Pharmaceuticals</i> PC37 <i>Water treatment chemicals</i> PC39 <i>Cosmetics, personal care products</i>	N/A
Industrial uses				
3 SU 3	Ink waste management Industrial uses: Uses of substances as such or in preparations at industrial sites PROC1 Use in closed process, no likelihood of exposure Use in closed, continuous process with occasional controlled exposure PROC2 PROC3 Use in closed batch process (synthesis or formulation) Use in batch and other process (synthesis) where opportunity for exposure arises PROC4 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) PROC5 PROC8a Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at non-dedicated facilities	ERC4 Industrial use of processing aids in processes and products, not becoming part of articles	N/A PC21 <i>Laboratory chemicals</i> PC37 <i>Water treatment chemicals</i>	N/A

		<p>PROC8b Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at dedicated facilities</p> <p>PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC14 Production of preparations or articles by tableting, compression, extrusion, pelletisation</p>				
Use of preparations (coatings, additives, cosmetics and personal care formulations) in preparation of plastic, paper and wet wipes						
4	<p>SU 3 Industrial uses: Uses of substances as such or in preparations at industrial sites</p> <p>SU6b Manufacture of pulp, paper and paper products</p> <p>SU13 Manufacture of other non-metallic mineral products, e.g. plasters, cement</p>	<p>PROC1 Use in closed process, no likelihood of exposure</p> <p>PROC2 Use in closed, continuous process with occasional controlled exposure</p> <p>PROC3 Use in closed batch process (synthesis or formulation)</p> <p>PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)</p> <p>PROC7 Industrial spraying</p> <p>PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC10 Roller application or brushing</p> <p>PROC13 Treatment of articles by dipping andpouring</p> <p>PROC14 Production of preparations or articles by tableting, compression, extrusion, pelletisation</p>	<p>ERC5 Industrial use resulting in inclusion into or onto a matrix</p>	<p>N/A</p> <p>PC9a</p> <p>PC26</p> <p>PC29</p> <p>PC39</p>	<p><i>Coatings and paints, thinners, paint removers</i></p> <p><i>Paper and board dye, finishing and impregnation products: including bleaches and other processing aids</i></p> <p><i>Pharmaceuticals</i></p> <p><i>Cosmetics, personal care products</i></p>	<p>N/A</p>
Use of Phase Transfer Catalysts						
5	<p>SU 3 Industrial uses: Uses of substances as such or in preparations at industrial sites</p> <p>SU9 Manufacture of fine chemicals</p>	<p>PROC1 Use in closed process, no likelihood of exposure</p> <p>PROC2 Use in closed, continuous process with occasional controlled exposure</p> <p>PROC3 Use in closed batch process (synthesis or formulation)</p> <p>PROC4 Use in batch and other process (synthesis) where opportunity for exposure arises</p> <p>PROC5 Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)</p> <p>PROC8a Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at non-dedicated facilities</p> <p>PROC8b Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at dedicated facilities</p> <p>PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)</p> <p>PROC10 Roller application or brushing</p> <p>PROC13 Treatment of articles by dipping andpouring</p> <p>PROC15 Use as laboratory reagent</p>	<p>ERC6a Industrial use resulting in manufacture of another substance (use of intermediates)</p> <p>ERC6b Industrial use of reactive processing aids</p>	<p>N/A</p> <p>PC21</p> <p>PC29</p>	<p><i>Laboratory chemicals</i></p> <p><i>Pharmaceuticals</i></p>	

Professional end uses								
6	SU 22	Use in cosmetic and personal care products, indoor Professional uses: Public domain (administration, education, entertainment, services, craftsmen)	PROC5	Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)	ERC8a	Wide dispersive indoor use of processing aids in open systems	N/A	N/A
	SU20	Health services	PROC8a	Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at non-dedicated facilities			PC28	Perfumes, fragrances
			PROC8b	Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at dedicated facilities			PC39	Cosmetics, personal care products
			PROC9 PROC10 PROC14	Transfer of substance or preparation into small containers (dedicated filling line, including weighing) Roller application or brushing Production of preparations or articles by tableting, compression, extrusion, pelletisation				
Professional use of coatings, indoor and outdoor								
7	SU 22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)	PROC5	Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)	ERC8c	Wide dispersive indoor use resulting in inclusion into or onto a matrix	N/A	Coatings and paints, thinners, paint removers
			PROC8a	Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at non-dedicated facilities	ERC8f	Wide dispersive outdoor use resulting in inclusion into or onto a matrix	PC9a	
			PROC8b	Transfer of substance or preparation (charging/discharging) from/to ves-sels/large containers at dedicated facilities				
			PROC9 PROC10 PROC11	Transfer of substance or preparation into small containers (dedicated filling line, including weighing) Roller application or brushing Non industrial spraying				
			PROC19	Hand-mixing with intimate contact and only PPE available				
Use of wet wipes								
8	SU 22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)	PROC21	Low energy manipulation of substances bound in materials and/or articles	ERC11ba	Wide dispersive indoor use of long-life articles and materials with low release	N/A	N/A
							PC39	Cosmetics, personal care products
Consumer end uses								
9	SU 21	Use in cosmetic and personal care products, indoor and outdoor Consumer uses: Private households (= general public = consumers)	N/A		ERC8a	Wide dispersive indoor use of processing aids in open systems	PC28	Perfumes, fragrances
					ERC8d	Wide dispersive outdoor use of processing aids in open systems	PC39	Cosmetics, personal care products
Consumer use of coatings, indoor and outdoor								
10	SU 21	Consumer uses: Private households (= general public = consumers)	N/A		ERC8c	Wide dispersive indoor use resulting in inclusion into or onto a matrix	PC9a	Coatings and paints, thinners, paint removers

			ERC8f	Wide dispersive outdoor use resulting in inclusion into or onto a matrix			
11	SU 21	Use of wet wipes Consumer uses: Private households (= general public = consumers)	N/A	ERC11a	Wide dispersive indoor use of long-life articles and materials with low release	PC39 Cosmetics, personal care products	AC30 Other articles with intended release of substances, please specify
	Service life	Se 8 og 11					