

2.1. Manufacture

Table 2.2. Manufacture

	Manufacture
M-1	<p>Manufacture of TSP <u>Further description of manufacturing process:</u></p> <p>Contributing activity/technique for the environment : - ERC1: Manufacture of the substance</p> <p>Contributing activity/technique for the workers : - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 26: Handling of solid inorganic substances at ambient temperature - PROC28: Manual maintenance (cleaning and repair) of machinery</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Related assessment: use assessed in a joint CSR</p>

2.2. Identified uses

Table 2.3. Formulation

	Formulation
F-2	<p>Formulation (mixing/blending) of mixtures containing TSP <u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment : - ERC2: Formulation into mixture</p> <p>Contributing activity/technique for the workers : - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 5: Mixing or blending in batch processes - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 14: Tableting, compression, extrusion, pelletisation, granulation - PROC 15: Use as laboratory reagent - PROC 26: Handling of solid inorganic substances at ambient temperature - PROC28: Manual maintenance (cleaning and repair) of machinery</p> <p>Product Category formulated: PC 8: Biocidal products (e.g. disinfectants, pest control) ; PC 9a:</p>

	<p>Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 12: Fertilisers ; PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products ; PC 16: Heat transfer fluids ; PC 17: Hydraulic fluids ; PC 18: Ink and toners ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 23: Leather treatment products ; PC 24: Lubricants, greases, release products ; PC 25: Metal working fluids ; PC 26: Paper and board treatment products ; PC 27: Plant protection products ; PC 32: Polymer preparations and compounds ; PC 34: Textile dyes, and impregnating products ; PC 35: Washing and cleaning products ; PC 36: Water softeners ; PC 37: Water treatment chemicals ; PC 39: Cosmetics, personal care products</p> <p>Technical function of the substance: antiredeposition agent ; antiscaling agent ; cleaning agent ; corrosion inhibitor ; dispersing agent ; fertilisers (soil amendments) ; finishing agents ; intermediate (precursor) ; lubricating agent ; pH regulating agent ; processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Substance supplied to that use: as such ; in a mixture</p> <p>Related assessment: use assessed in a joint CSR</p>
F-3	<p>Formulation (mixing/blending) of materials containing TSP</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC3: Formulation into solid matrix <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 5: Mixing or blending in batch processes - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 13: Treatment of articles by dipping and pouring - PROC 14: Tableting, compression, extrusion, pelletisation, granulation - PROC 26: Handling of solid inorganic substances at ambient temperature - PROC28: Manual maintenance (cleaning and repair) of machinery <p>Product Category formulated: PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 12: Fertilisers ; PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products ; PC 16: Heat transfer fluids ; PC 17: Hydraulic fluids ; PC 18: Ink and toners ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 23: Leather treatment products ; PC 24: Lubricants, greases, release products ; PC 25: Metal working fluids ; PC 26: Paper and board treatment products ; PC 34: Textile dyes, and impregnating products ; PC 35: Washing and cleaning products ; PC 36: Water softeners ; PC 37: Water treatment chemicals ; PC 39: Cosmetics, personal care products</p> <p>Technical function of the substance: antiredeposition agent ; antiscaling agent ; cleaning agent ; corrosion inhibitor ; dispersing agent ; fertilisers (soil amendments) ; finishing agents ; intermediate (precursor) ; lubricating agent ; processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Substance supplied to that use: as such ; in a mixture</p> <p>Related assessment: use assessed in a joint CSR</p>

Table 2.4. Uses at industrial sites

	Uses at industrial sites
IW-4	<p>Industrial use of TSP as an intermediate; includes use as a raw material for fertiliser synthesis</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC6a: Use of intermediate <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 5: Mixing or blending in batch processes - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 15: Use as laboratory reagent - PROC 26: Handling of solid inorganic substances at ambient temperature - PROC28: Manual maintenance (cleaning and repair) of machinery <p>Product Category used: PC 12: Fertilisers</p> <p>Sector of end use: SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals</p> <p>Technical function of the substance: intermediate (precursor)</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Substance supplied to that use: as such ; in a mixture</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>
IW-5	<p>Industrial use of TSP as a processing aid</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 5: Mixing or blending in batch processes - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 26: Handling of solid inorganic substances at ambient temperature <p>Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents</p> <p>Sector of end use: SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals</p> <p>Technical function of the substance: processing aid</p>

	<p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such ; in a mixture Subsequent service life relevant for that use: no Related assessment: use assessed in a joint CSR</p>
IW-6	<p>Industrial use of TSP as a reactive processing aid <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article) Contributing activity/technique for the workers : - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 5: Mixing or blending in batch processes - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 26: Handling of solid inorganic substances at ambient temperature Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents Sector of end use: SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals Technical function of the substance: processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such ; in a mixture Subsequent service life relevant for that use: no Related assessment: use assessed in a joint CSR</p>
IW-7	<p>Industrial use in water and wastewater treatment <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article) Contributing activity/technique for the workers : - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 5: Mixing or blending in batch processes - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 26: Handling of solid inorganic substances at ambient temperature Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 36: Water softeners ; PC 37: Water treatment chemicals Sector of end use: SU 23: Electricity, steam, gas water supply and sewage treatment Technical function of the substance: processing aid use registered according to REACH Article 10; total tonnage manufactured/imported</p>

	<p>>=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such ; in a mixture Subsequent service life relevant for that use: no Related assessment: use assessed in a joint CSR</p>
IW-8	<p>Industrial use in dyes and auxiliary chemicals for textiles, leather, paper <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC5: Use at industrial site leading to inclusion into/onto article Contributing activity/technique for the workers : - PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 5: Mixing or blending in batch processes - PROC 6: Calendering operations - PROC 7: Industrial spraying - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 10: Roller application or brushing - PROC 13: Treatment of articles by dipping and pouring - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 26: Handling of solid inorganic substances at ambient temperature Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 23: Leather treatment products ; PC 26: Paper and board treatment products ; PC 34: Textile dyes, and impregnating products Sector of end use: SU 5: Manufacture of textiles, leather, fur ; SU 6b: Manufacture of pulp, paper and paper products Technical function of the substance: dispersing agent ; processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such ; in a mixture Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of textiles and leather articles ; Service life of paper articles Related assessment: use assessed in a joint CSR</p>
IW-9	<p>Industrial use as an additive/pigment/auxiliary in plastics, resins, paints, coatings and inks <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC5: Use at industrial site leading to inclusion into/onto article Contributing activity/technique for the workers : - PROC 5: Mixing or blending in batch processes - PROC 7: Industrial spraying - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 10: Roller application or brushing - PROC 13: Treatment of articles by dipping and pouring - PROC 14: Tableting, compression, extrusion, pelletisation, granulation - PROC 19: Hand-mixing with intimate contact and only PPE available.</p>

	<p>- PROC 26: Handling of solid inorganic substances at ambient temperature Product Category used: PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 18: Ink and toners ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds Sector of end use: SU 6a: Manufacture of wood and wood products ; SU 6b: Manufacture of pulp, paper and paper products ; SU 12: Manufacture of plastics products, including compounding and conversion Technical function of the substance: processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: in a mixture Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of paper articles ; Service life of plastic or metal treated articles Related assessment: use assessed in a joint CSR</p>
IW-10	<p>Industrial use as a binding agent in ceramic materials and in ceramics, cement and plasters <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC5: Use at industrial site leading to inclusion into/onto article Contributing activity/technique for the workers : - PROC 5: Mixing or blending in batch processes - PROC 7: Industrial spraying - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 10: Roller application or brushing - PROC 13: Treatment of articles by dipping and pouring - PROC 14: Tableting, compression, extrusion, pelletisation, granulation - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting - PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature - PROC 26: Handling of solid inorganic substances at ambient temperature Product Category used: PC 9b: Fillers, putties, plasters, modelling clay ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents Sector of end use: SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement ; SU 19: Building and construction work Technical function of the substance: binder ; processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: in a mixture Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of ceramic articles or articles containing cement, refractories or plaster Related assessment: use assessed in a joint CSR</p>
IW-11	<p>Industrial use in washing and cleaning products <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article) Contributing activity/technique for the workers :</p>

	<ul style="list-style-type: none"> - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 5: Mixing or blending in batch processes - PROC 7: Industrial spraying - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 10: Roller application or brushing - PROC 13: Treatment of articles by dipping and pouring - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC28: Manual maintenance (cleaning and repair) of machinery <p>Product Category used: PC 35: Washing and cleaning products</p> <p>Sector of end use: SU 1: Agriculture, forestry and fishing ; SU 2a: Mining (without offshore industries) ; SU 2b: Offshore industries ; SU 4: Manufacture of food products ; SU 5: Manufacture of textiles, leather, fur ; SU 6a: Manufacture of wood and wood products ; SU 6b: Manufacture of pulp, paper and paper products ; SU 7: Printing and reproduction of recorded media ; SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals ; SU 11: Manufacture of rubber products ; SU 12: Manufacture of plastics products, including compounding and conversion ; SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement ; SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 16: Manufacture of computer, electronic and optical products, electrical equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment ; SU 18: Manufacture of furniture ; SU 19: Building and construction work ; SU 20: Health services ; SU 23: Electricity, steam, gas water supply and sewage treatment ; SU 24: Scientific research and development ; SU 0: Other: Washing and cleaning services</p> <p>Technical function of the substance: antiredeposition agent ; cleaning agent ; dispersing agent use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Substance supplied to that use: in a mixture</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>
IW-12	<p>Industrial use in metal and non-metal surface treatment (no inclusion onto article)</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 7: Industrial spraying - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 10: Roller application or brushing - PROC 13: Treatment of articles by dipping and pouring - PROC 15: Use as laboratory reagent - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 26: Handling of solid inorganic substances at ambient temperature

	<p>- PROC28: Manual maintenance (cleaning and repair) of machinery Product Category used: PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products ; PC 33: Semiconductors Sector of end use: SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 16: Manufacture of computer, electronic and optical products, electrical equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment Technical function of the substance: antiscaling agent ; corrosion inhibitor ; finishing agents use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: in a mixture Subsequent service life relevant for that use: no Related assessment: use assessed in a joint CSR</p>
IW-13	<p>Industrial use in metal and non-metal surface treatment (inclusion onto article) <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC5: Use at industrial site leading to inclusion into/onto article Contributing activity/technique for the workers : - PROC 4: Chemical production where opportunity for exposure arises - PROC 7: Industrial spraying - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 10: Roller application or brushing - PROC 13: Treatment of articles by dipping and pouring - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 26: Handling of solid inorganic substances at ambient temperature Product Category used: PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products Sector of end use: SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment Technical function of the substance: antiscaling agent ; corrosion inhibitor ; finishing agents use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: in a mixture Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of plastic or metal treated articles Related assessment: use assessed in a joint CSR</p>
IW-14	<p>Industrial use in metal-working fluids, lubricants, greases, heat transfer and hydraulic fluids <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC7: Use of functional fluid at industrial site Contributing activity/technique for the workers : - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 10: Roller application or brushing - PROC 13: Treatment of articles by dipping and pouring - PROC 17: Lubrication at high energy conditions in metal working operations - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</p>

	<p>- PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</p> <p>- PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles</p> <p>- PROC 25: Other hot work operations with metals</p> <p>Product Category used: PC 16: Heat transfer fluids ; PC 17: Hydraulic fluids ; PC 24: Lubricants, greases, release products ; PC 25: Metal working fluids</p> <p>Sector of end use: SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment</p> <p>Technical function of the substance: lubricating agent ; processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Substance supplied to that use: in a mixture</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>
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Table 2.5. Uses by professional workers

Uses by professional workers	
PW-15	<p>Professional use as a laboratory chemical</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 15: Use as laboratory reagent <p>Product Category used: PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 21: Laboratory chemicals</p> <p>Sector of end use: SU 9: Manufacture of fine chemicals ; SU 24: Scientific research and development</p> <p>Technical function of the substance: intermediate (precursor)</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life: Service life of paper articles</p> <p>Related assessment: use assessed in a joint CSR</p>
PW-16	<p>Professional use in water and wastewater treatment (indoor and outdoor)</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) - ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 26: Handling of solid inorganic substances at ambient temperature <p>Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 36: Water softeners ; PC 37: Water treatment chemicals</p>

	<p>Sector of end use: SU 23: Electricity, steam, gas water supply and sewage treatment</p> <p>Technical function of the substance: antiscaling agent ; corrosion inhibitor</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>
PW-17	<p>Professional use in dyes and auxiliary chemicals for textiles, leather, paper</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC8c: Widespread use leading to inclusion into/onto article (indoor) - ERC8f: Widespread use leading to inclusion into/onto article (outdoor) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 5: Mixing or blending in batch processes - PROC 6: Calendering operations - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 10: Roller application or brushing - PROC 11: Non industrial spraying - PROC 13: Treatment of articles by dipping and pouring - PROC 19: Hand-mixing with intimate contact and only PPE available. <p>Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 23: Leather treatment products ; PC 26: Paper and board treatment products ; PC 34: Textile dyes, and impregnating products</p> <p>Sector of end use: SU 5: Manufacture of textiles, leather, fur ; SU 6b: Manufacture of pulp, paper and paper products</p> <p>Technical function of the substance: dispersing agent</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life: Service life of textiles and leather articles ; Service life of paper articles</p> <p>Related assessment: use assessed in a joint CSR</p>
PW-18	<p>Professional use as an additive/pigment/auxiliary in plastics, resins, paints, coatings and inks</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC8c: Widespread use leading to inclusion into/onto article (indoor) - ERC8f: Widespread use leading to inclusion into/onto article (outdoor) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 5: Mixing or blending in batch processes - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 10: Roller application or brushing - PROC 11: Non industrial spraying - PROC 13: Treatment of articles by dipping and pouring - PROC 19: Hand-mixing with intimate contact and only PPE available. <p>Product Category used: PC 9a: Coatings and paints, thinners, paint removes ; PC 18: Ink and toners ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds</p> <p>Sector of end use: SU 6a: Manufacture of wood and wood products ; SU 6b: Manufacture of pulp, paper and paper products ; SU 12: Manufacture of plastics products, including compounding and conversion</p> <p>Technical function of the substance: processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported</p>

	<p>>=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of paper articles ; Service life of plastic or metal treated articles</p>
PW-19	<p>Professional use as a binding agent in ceramic materials and in ceramics, cement and plasters <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC8c: Widespread use leading to inclusion into/onto article (indoor) - ERC8f: Widespread use leading to inclusion into/onto article (outdoor) Contributing activity/technique for the workers : - PROC 5: Mixing or blending in batch processes - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 10: Roller application or brushing - PROC 11: Non industrial spraying - PROC 13: Treatment of articles by dipping and pouring - PROC 14: Tableting, compression, extrusion, pelletisation, granulation - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting - PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature - PROC 26: Handling of solid inorganic substances at ambient temperature Product Category used: PC 9b: Fillers, putties, plasters, modelling clay ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds Sector of end use: SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement ; SU 19: Building and construction work Technical function of the substance: binder ; processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of ceramic articles or articles containing cement, refractories or plaster Related assessment: use assessed in a joint CSR</p>
PW-20	<p>Professional use in washing and cleaning products <u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) - ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) Contributing activity/technique for the workers : - PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions - PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions - PROC 4: Chemical production where opportunity for exposure arises - PROC 5: Mixing or blending in batch processes - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</p>

	<ul style="list-style-type: none"> - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 10: Roller application or brushing - PROC 11: Non industrial spraying - PROC 13: Treatment of articles by dipping and pouring - PROC 19: Hand-mixing with intimate contact and only PPE available. <p>Product Category used: PC 35: Washing and cleaning products</p> <p>Sector of end use: SU 1: Agriculture, forestry and fishing ; SU 2a: Mining (without offshore industries) ; SU 2b: Offshore industries ; SU 4: Manufacture of food products ; SU 5: Manufacture of textiles, leather, fur ; SU 6a: Manufacture of wood and wood products ; SU 6b: Manufacture of pulp, paper and paper products ; SU 7: Printing and reproduction of recorded media ; SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals ; SU 11: Manufacture of rubber products ; SU 12: Manufacture of plastics products, including compounding and conversion ; SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement ; SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 16: Manufacture of computer, electronic and optical products, electrical equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment ; SU 18: Manufacture of furniture ; SU 19: Building and construction work ; SU 20: Health services ; SU 23: Electricity, steam, gas water supply and sewage treatment ; SU 24: Scientific research and development ; SU 0: Other: Washing and cleaning services</p> <p>Technical function of the substance: antiredeposition agent ; cleaning agent ; dispersing agent use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>
PW-21	<p>Professional use in metal and non-metal surface treatment (no inclusion onto article)</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 10: Roller application or brushing - PROC 11: Non industrial spraying - PROC 13: Treatment of articles by dipping and pouring - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 26: Handling of solid inorganic substances at ambient temperature <p>Product Category used: PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products</p> <p>Sector of end use: SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment</p> <p>Technical function of the substance: antiscaling agent ; corrosion inhibitor ; finishing agents use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>
PW-22	<p>Professional use in metal and non-metal surface treatment (inclusion onto article)</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC8c: Widespread use leading to inclusion into/onto article (indoor) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 8a: Transfer of substance or mixture (charging and discharging) at

	<p>non-dedicated facilities</p> <ul style="list-style-type: none"> - PROC 10: Roller application or brushing - PROC 11: Non industrial spraying - PROC 13: Treatment of articles by dipping and pouring - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 26: Handling of solid inorganic substances at ambient temperature <p>Product Category used: PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products</p> <p>Sector of end use: SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment</p> <p>Technical function of the substance: antiscaling agent ; corrosion inhibitor ; finishing agents use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life: Service life of plastic or metal treated articles</p> <p>Related assessment: use assessed in a joint CSR</p>
PW-23	<p>Professional use in metal-working fluids, lubricants, greases, heat transfer and hydraulic fluids</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) - ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 10: Roller application or brushing - PROC 13: Treatment of articles by dipping and pouring - PROC 15: Use as laboratory reagent - PROC 17: Lubrication at high energy conditions in metal working operations - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting - PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature - PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles - PROC 25: Other hot work operations with metals <p>Product Category used: PC 16: Heat transfer fluids ; PC 17: Hydraulic fluids ; PC 24: Lubricants, greases, release products ; PC 25: Metal working fluids</p> <p>Sector of end use: SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment</p> <p>Technical function of the substance: lubricating agent ; processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>
PW-24	<p>Use of TSP as a fertiliser: mixing and loading of liquid or solid fertilisers into the equipment and applying with different techniques (spreading, spraying, fertigation etc) for the crop by farmers, growers and contractors</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p>

	<ul style="list-style-type: none"> - ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor) - ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - PROC 5: Mixing or blending in batch processes - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) - PROC 11: Non industrial spraying - PROC 15: Use as laboratory reagent - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 26: Handling of solid inorganic substances at ambient temperature <p>Product Category used: PC 12: Fertilisers Sector of end use: SU 1: Agriculture, forestry and fishing Technical function of the substance: fertilisers (soil amendments) use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in a joint CSR</p>
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Table 2.6. Consumer uses

Consumer uses	
C-25	<p>Consumer use of paint, varnish, coating and ink products</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment: <ul style="list-style-type: none"> - ERC8c: Widespread use leading to inclusion into/onto article (indoor) - ERC8f: Widespread use leading to inclusion into/onto article (outdoor) Contributing activity/technique for consumers: <ul style="list-style-type: none"> - PC 9a: Coatings and paints, thinners, paint removers - PC 9b: Fillers, putties, plasters, modelling clay Technical function of the substance: processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of paper articles ; Service life of plastic or metal treated articles Related assessment: use assessed in a joint CSR</p>
C-26	<p>End use of cosmetics, dentrifice and oral care products</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment: <ul style="list-style-type: none"> - ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) Contributing activity/technique for consumers: <ul style="list-style-type: none"> - PC 39: Cosmetics, personal care products Technical function of the substance: processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p>

	<p>Migrated to IUCLID6: 9, 11</p> <p>Related assessment: use assessed in a joint CSR</p>
C-27	<p>Use as a fertiliser; mixing and application of solid or liquid fertilisers at home for indoor or outdoor plants</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment:</p> <ul style="list-style-type: none"> - ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor) - ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor) <p>Contributing activity/technique for consumers:</p> <ul style="list-style-type: none"> - PC 12: Fertilisers <p>Technical function of the substance: fertilisers (soil amendments)</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>
C-26	<p>Consumer use of washing and cleaning products</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment:</p> <ul style="list-style-type: none"> - ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) <p>Contributing activity/technique for consumers:</p> <ul style="list-style-type: none"> - PC 35: Washing and cleaning products <p>Technical function of the substance: antiredeposition agent ; cleaning agent ; dispersing agent</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: no</p> <p>Related assessment: use assessed in a joint CSR</p>

Table 2.7. Article service life

	Article service life
SL-1	<p>Service life of textiles and leather articles</p> <p><u>Further description of the use:</u></p> <p>Article used by: workers ; consumers</p> <p>Substance intended to be released from article: no</p> <p>Article category related to subsequent service life (AC): AC 5: Fabrics, textiles and apparel ; AC 6: Leather articles</p> <p>Contributing activity/technique for the environment:</p> <ul style="list-style-type: none"> - ERC12a: Processing of articles at industrial sites with low release - ERC10a: Widespread use of articles with low release (outdoor) - ERC11a: Widespread use of articles with low release (indoor) <p>Contributing activity/technique for consumers:</p> <ul style="list-style-type: none"> - AC 5: Fabrics, textiles and apparel - AC 6: Leather articles <p>Contributing activity/technique for the workers:</p> <ul style="list-style-type: none"> - PROC 21: Low energy manipulation of substances bound in materials and/or articles <p>Technical function of the substance: processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p>

	<p>Tonnage of substance for that use: tonnes/year</p> <p>Remarks:</p> <p>Exposure-related description on articles: Articles with intended or foreseeable skin contact, e.g. clothing or shoe ware</p> <p>Related assessment: use assessed in a joint CSR</p>
SL-2	<p>Service life of paper articles</p> <p><u>Further description of the use:</u></p> <p>Article used by: workers ; consumers</p> <p>Substance intended to be released from article: no</p> <p>Article category related to subsequent service life (AC): AC 8: Paper articles</p> <p>Contributing activity/technique for the environment:</p> <ul style="list-style-type: none"> - ERC12a: Processing of articles at industrial sites with low release - ERC11a: Widespread use of articles with low release (indoor) - ERC10a: Widespread use of articles with low release (outdoor) <p>Contributing activity/technique for consumers:</p> <ul style="list-style-type: none"> - AC 8: Paper articles <p>Contributing activity/technique for the workers:</p> <ul style="list-style-type: none"> - PROC 21: Low energy manipulation of substances bound in materials and/or articles <p>Technical function of the substance: processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Related assessment: use assessed in a joint CSR</p>
SL-3	<p>Service life of ceramic articles or articles containing cement, refractories or plaster</p> <p><u>Further description of the use:</u></p> <p>Article used by: workers ; consumers</p> <p>Substance intended to be released from article: no</p> <p>Article category related to subsequent service life (AC): AC 4: Stone, plaster, cement, glass and ceramic articles</p> <p>Contributing activity/technique for the environment:</p> <ul style="list-style-type: none"> - ERC12a: Processing of articles at industrial sites with low release - ERC10a: Widespread use of articles with low release (outdoor) - ERC11a: Widespread use of articles with low release (indoor) <p>Contributing activity/technique for consumers:</p> <ul style="list-style-type: none"> - AC 4: Stone, plaster, cement, glass and ceramic articles <p>Contributing activity/technique for the workers:</p> <ul style="list-style-type: none"> - PROC 21: Low energy manipulation of substances bound in materials and/or articles <p>Technical function of the substance: binder ; processing aid ; binding agents; resin or (pre)-polymers in coatings and adhesives</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Related assessment: use assessed in a joint CSR</p>
SL-4	<p>Service life of plastic or metal treated articles</p> <p><u>Further description of the use:</u></p> <p>Article used by: workers ; consumers</p> <p>Substance intended to be released from article: no</p> <p>Article category related to subsequent service life (AC): AC 7: Metal articles ; AC 13: Plastic articles</p> <p>Contributing activity/technique for the environment:</p> <ul style="list-style-type: none"> - ERC12a: Processing of articles at industrial sites with low release - ERC10a: Widespread use of articles with low release (outdoor) - ERC11a: Widespread use of articles with low release (indoor) <p>Contributing activity/technique for consumers:</p>

	<ul style="list-style-type: none">- AC 7: Metal articles- AC 11: Wood articles- AC 13: Plastic articles <p>Contributing activity/technique for the workers:</p> <ul style="list-style-type: none">- PROC 21: Low energy manipulation of substances bound in materials and/or articles <p>Technical function of the substance: antiscaling agent ; corrosion inhibitor ; finishing agents use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Related assessment: use assessed in a joint CSR</p>
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