

2.1. Manufacture

Table 2.2. Manufacture

	Manufacture
M-1	<p>Manufacture of DSP</p> <p><u>Further description of manufacturing process:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC1: Manufacture of the substance <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>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 not assessed</p>

2.2. Identified uses

Table 2.3. Formulation

	Formulation
F-2	<p>Formulation of mixtures containing DSP</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC2: Formulation into mixture <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 14: Tableting, compression, extrusion, pelletisation, granulation

	<ul style="list-style-type: none"> - 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 formulated: PC 9b: Fillers, putties, plasters, modelling clay ; PC 12: Fertilisers ; PC 14: Metal surface treatment products ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 23: Leather treatment products ; PC 26: Paper and board treatment products ; PC 27: Plant protection products ; PC 29: Pharmaceuticals ; PC 34: Textile dyes, and impregnating products ; PC 37: Water treatment chemicals ; PC 39: Cosmetics, personal care products</p> <p>Technical function of the substance: pH regulating 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 Related assessment: use not assessed</p>
F-3	<p>Formulation of materials containing DSP</p> <p><u>Further description of the use:</u> 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 <p>Product Category formulated: PC 9b: Fillers, putties, plasters, modelling clay ; PC 12: Fertilisers ; PC 14: Metal surface treatment products ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 23: Leather treatment products ; PC 25: Metal working fluids ; PC 27: Plant protection products ; PC 29: Pharmaceuticals ; PC 37: Water treatment chemicals ; PC 39: Cosmetics, personal care products</p> <p>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 Related assessment: use not assessed</p>

Table 2.4. Uses at industrial sites

Uses at industrial sites	
IW-4	<p>Use as an intermediate in chemical manufacture; includes use as a raw material for fertiliser synthesis</p> <p><u>Further description of the use:</u> 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

	<p>exposure or processes with equivalent containment conditions</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 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 26: Handling of solid inorganic substances at ambient temperature <p>Product Category used: PC 12: Fertilisers 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: intermediate (precursor) 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 not assessed</p>
IW-5	<p>Use as a processing aid in chemical manufacture <u>Further description of the use:</u> Contributing activity/technique for the environment : <ul style="list-style-type: none"> - ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article) Contributing activity/technique for the workers : <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 26: Handling of solid inorganic substances at ambient temperature <p>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 not assessed</p> </p>
IW-6	<p>Industrial use in boiler water conditioning and potable water treatment</p>

	<p><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)</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 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</p> <p>Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 37: Water treatment chemicals Sector of end use: SU 23: Electricity, steam, gas water supply and sewage treatment Technical function of the substance: corrosion inhibitor ; pH regulating agent ; softener 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 not assessed</p>
IW-7	<p>Industrial use in metal surface 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)</p> <p>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 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 - PROC28: Manual maintenance (cleaning and repair) of machinery</p> <p>Product Category used: PC 14: 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 ; activating agent 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 not assessed</p>
IW-8	<p>Industrial use in metal surface treatment - incorporation into 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</p> <p>Contributing activity/technique for the workers : - PROC 4: Chemical production where opportunity for exposure arises - PROC 7: Industrial spraying</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 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 - PROC28: Manual maintenance (cleaning and repair) of machinery <p>Product Category used: PC 14: Metal surface treatment products ; PC 25: Metal working fluids 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 ; activating agent 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 treated metal articles Related assessment: use not assessed</p>
IW-9	<p>Industrial use in ceramics, refractories, cements and plasters</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC5: Use at industrial site leading to inclusion into/onto article</p> <p>Contributing activity/technique for the workers : - 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 10: Roller application or brushing - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature - PROC 26: Handling of solid inorganic substances at ambient temperature</p> <p>Product Category used: PC 9b: Fillers, putties, plasters, modelling clay Sector of end use: SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement 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: yes Link to the subsequent service life: Service life of ceramic articles or articles containing cement, refractories or plaster Related assessment: use not assessed</p>
IW-10	<p>Industrial use in dyes and auxiliary chemicals for textiles, leather, paper</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - ERC5: Use at industrial site leading to inclusion into/onto article</p> <p>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</p>

	<ul style="list-style-type: none"> - 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 <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 ; processing aid ; stabilising 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 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 Related assessment: use not assessed</p>
IW-11	<p>Industrial use in plastics manufacturing</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - ERC5: Use at industrial site leading to inclusion into/onto article <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - 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 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 12: Manufacture of plastics products, including compounding and conversion</p> <p>Technical function of the substance: flame retardant 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 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 plastic articles Related assessment: use not assessed</p>

Table 2.5. Uses by professional workers

Uses by professional workers	
PW-12	<p>Professional use in ferrous metal surface treatment</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 4: Chemical production where opportunity for exposure arises - PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - 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 14: 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 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 Subsequent service life relevant for that use: no Related assessment: use not assessed</p>
PW-13	<p>Professional use in ferrous metal surface treatment <u>Further description of the use:</u> 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 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH] - 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 14: 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 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 Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of treated metal articles Related assessment: use not assessed</p>
PW-14	<p>Use of DSP in horticulture products: mixing and loading of liquid or solid products into the equipment and applying with different techniques (spreading, spraying, fertigation etc) for the crop by farmers, growers and contractor <u>Further description of the use:</u> 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,

	<p>including weighing)</p> <ul style="list-style-type: none"> - 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 ; PC 27: Plant protection products 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 not assessed</p>
PW-15	<p>Professional use in ceramics, refractories, cements and plaster <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 the workers : <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 19: Hand-mixing with intimate contact and only PPE available. - 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 Sector of end use: SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement 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 ceramic articles or articles containing cement, refractories or plaster Related assessment: use not assessed</p>
PW-16	<p>Professional use in dyes and auxilliary chemicals for textiles, leather, paper <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) Contributing activity/technique for the workers : <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 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 11: Non industrial spraying Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents</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: processing aid ; stabilisers</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</p> <p>Related assessment: use not assessed</p>
PW-17	<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 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 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 11: Non industrial spraying <p>Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; 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: pH regulating agent ; processing aid ; softener</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 not assessed</p>
PW-18	<p>Professional use in diagnostic reagents</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"> - Loading of diagnostic instruments and performance of measurements with ready-to-use reagents (PROC 8b ; PROC 15) <p>Product Category used: PC 21: Laboratory chemicals</p> <p>Sector of end use: SU 20: Health services ; SU 24: Scientific research and development</p> <p>Technical function of the substance: pH regulating 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 not assessed</p>
PW-19	<p>Professional Use as a laboratory agent</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,

	<p>indoor) Contributing activity/technique for the workers : - PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing) Product Category used: PC 21: Laboratory chemicals Sector of end use: SU 24: Scientific research and development Technical function of the substance: no technical function 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 not assessed</p>
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Table 2.6. Consumer uses

Consumer uses	
C-20	<p>Consumer use of dentrifice and oral care 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) Contributing activity/technique for consumers: - PC 39: Cosmetics, personal care products Technical function of the substance: Phosphate source 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 not assessed</p>
C-21	<p>Use in horticulture products; mixing and application of solid or liquid products at home for indoor or outdoor plants <u>Further description of the use:</u> Contributing activity/technique for the environment: - 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) Contributing activity/technique for consumers: - PC 12: Fertilisers - PC 27: Plant protection products 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 not assessed</p>
C-22	<p>Hygiene 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) Contributing activity/technique for consumers: - PC 29: Pharmaceuticals ; PC 39: Cosmetics, personal care products Technical function of the substance: pH regulating agent 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: no Related assessment: use not assessed</p>
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Table 2.7. Article service life

Article service life	
SL-1	<p>Service life of textiles and leather articles <u>Further description of the use:</u> Article used by: workers ; consumers Substance intended to be released from article: Article category related to subsequent service life (AC): AC 5: Fabrics, textiles and apparel ; AC 6: Leather articles Contributing activity/technique for the environment: - ERC10a: Widespread use of articles with low release (outdoor) - ERC11a: Widespread use of articles with low release (indoor) Contributing activity/technique for consumers: - AC 5: Fabrics, textiles and apparel - AC 6: Leather articles Contributing activity/technique for the workers: - PROC 21: Low energy manipulation of substances bound in materials and/or articles 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 Remarks: Exposure-related description on articles: Articles with intended or foreseeable skin contact, e.g. clothing or shoe ware Related assessment: use not assessed</p>
SL-2	<p>Service life of paper <u>Further description of the use:</u> Article used by: workers ; consumers Substance intended to be released from article: no Article category related to subsequent service life (AC): AC 8: Paper articles Contributing activity/technique for the environment: - ERC10a: Widespread use of articles with low release (outdoor) - ERC11a: Widespread use of articles with low release (indoor) Contributing activity/technique for consumers: - AC 8: Paper articles Contributing activity/technique for the workers: - PROC 21: Low energy manipulation of substances bound in materials and/or articles 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 Related assessment: use not assessed</p>
SL-3	<p>Service life of ceramic articles or articles containing cement, refractories or plaster <u>Further description of the use:</u> Article used by: workers ; consumers Substance intended to be released from article: no 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: - ERC10a: Widespread use of articles with low release (outdoor) - ERC11a: Widespread use of articles with low release (indoor)</p> <p>Contributing activity/technique for consumers: - AC 4: Stone, plaster, cement, glass and ceramic articles</p> <p>Contributing activity/technique for the workers: - PROC 21: Low energy manipulation of substances bound in materials and/or articles</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</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Related assessment: use not assessed</p>
SL-4	<p>Service life of plastic articles <u>Further description of the use:</u> Article used by: workers ; consumers Substance intended to be released from article: no Article category related to subsequent service life (AC): AC 13: Plastic articles</p> <p>Contributing activity/technique for the environment: - ERC10a: Widespread use of articles with low release (outdoor) - ERC11a: Widespread use of articles with low release (indoor)</p> <p>Contributing activity/technique for consumers: - AC 13: Plastic articles</p> <p>Contributing activity/technique for the workers: - PROC 21: Low energy manipulation of substances bound in materials and/or articles</p> <p>Technical function of the substance: flame retardant</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 not assessed</p>
SL-5	<p>Service life of treated metal articles <u>Further description of the use:</u> Article used by: workers ; consumers Substance intended to be released from article: no Article category related to subsequent service life (AC): AC 7: Metal articles</p> <p>Contributing activity/technique for the environment: - ERC10a: Widespread use of articles with low release (outdoor) - ERC11a: Widespread use of articles with low release (indoor)</p> <p>Contributing activity/technique for consumers: - AC 7: Metal articles</p> <p>Contributing activity/technique for the workers: - PROC 21: Low energy manipulation of substances bound in materials and/or articles - PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles</p> <p>Technical function of the substance: antiscaling agent ; corrosion inhibitor ; finishing agents</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 not assessed</p>

