

2.1. Manufacture

Table 2.2. Manufacture

| | Manufacture |
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| M-1 | <p>Manufacturing and processing of STMP Further description of manufacturing process:</p> <p>Contributing activity/technique for the environment : <ul style="list-style-type: none"> - ERC1: Manufacture of the substance </p> <p>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 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> <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

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| F-2 | <p>Mixing and blending STMP into mixtures Further description of the use:</p> <p>Contributing activity/technique for the environment : <ul style="list-style-type: none"> - ERC2: Formulation into mixture </p> <p>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 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 1: Adhesives, sealants ; PC 9a: Coatings and paints, thinners,</p> |

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| | <p>paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 12: Fertilisers ; PC 14: Metal surface treatment products ; PC 17: Hydraulic fluids ; PC 18: Ink and toners ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 21: Laboratory chemicals ; PC 23: Leather treatment products ; PC 29: Pharmaceuticals ; 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: no technical function</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 not assessed</p> |
| F-3 | <p>Mixing and blending STMP into solid matrix</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 <p>Product Category formulated: PC 1: Adhesives, sealants ; 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 17: Hydraulic fluids ; PC 18: Ink and toners ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 21: Laboratory chemicals ; PC 23: Leather treatment products ; PC 29: Pharmaceuticals ; 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: no technical function</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 not assessed</p> |

Table 2.4. Uses at industrial sites

| Uses at industrial sites | |
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| IW-4 | <p>Use of STMP and products containing STMP for 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"> - ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article) <p>Contributing activity/technique for the workers :</p> |

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| | <ul style="list-style-type: none"> - 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 <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 ; 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 not assessed</p> |
| IW-5 | <p>Use of STMP and products containing STMP for metal surface treatment <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</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 ; 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 not assessed</p> |
| IW-6 | <p>Use of STMP in dyes and auxiliary chemicals for textiles and leather <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 6: Calendering operations - PROC 7: Industrial spraying - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</p> |

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| | <ul style="list-style-type: none"> - 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 15: Use as laboratory reagent - PROC 19: Hand-mixing with intimate contact and only PPE available. - PROC 21: Low energy manipulation of substances bound in materials and/or articles <p>Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 23: Leather treatment products ; PC 34: Textile dyes, and impregnating products</p> <p>Sector of end use: SU 5: Manufacture of textiles, leather, fur</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>Substance supplied to that use: as such ; in a mixture</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life: Service life of textile and leather articles (professionals and consumers) ; Service life of textile and leather articles (workers at industrial sites)</p> <p>Related assessment: use not assessed</p> |
| IW-7 | <p>Use of STMP and products containing STMP for water (drinking and industrial) and wastewater treatment. Addition to closed process water circuits.</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 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 <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: 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>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 not assessed</p> |
| IW-8 | <p>Industrial use of washing and cleaning products containing STMP</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 |

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| | <ul style="list-style-type: none"> - 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 applications</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 not assessed</p> |
| IW-9 | <p>Use of STMP as an intermediate in chemical synthesis, including use of a raw material for the synthesis of a new fertilizer substance.</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 26: Handling of solid inorganic substances at ambient temperature <p>Product Category used: PC 12: Fertilisers</p> <p>Sector of end use: SU 8: Manufacture of bulk, large scale chemicals (including petroleum</p> |

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| | <p>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: in a mixture Subsequent service life relevant for that use: no Related assessment: use not assessed</p> |
| <p>IW-10</p> | <p>Use of STMP as a reactive processing aid in chemical synthesis <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: in a mixture Subsequent service life relevant for that use: no Related assessment: use not assessed</p> |
| <p>IW-11</p> | <p>Industrial applications in oil well and other drilling fluid applications, liquefying and conditioning earths, muds, clays. <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 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 18: General greasing / lubrication at high kinetic energy conditions - PROC 26: Handling of solid inorganic substances at ambient temperature Product Category used: PC 17: Hydraulic fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents Sector of end use: SU 2a: Mining (without offshore industries) ; SU 2b: Offshore industries Technical function of the substance: dispersing agent ; processing aid use registered according to REACH Article 10; total tonnage manufactured/imported</p> |

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| | <p>>=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 not assessed</p> |
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Table 2.5. Uses by professional workers

| Uses by professional workers | |
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| PW-12 | <p>Professional use of washing and cleaning products <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) - ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) 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 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 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. Product Category used: PC 35: Washing and cleaning products 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 applications 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 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 building and construction work as an additive/pigment/auxiliary in plastics, resins, paints, coatings, mastics and inks <u>Further description of the use:</u></p> |

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| | <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 1: Adhesives, sealants ; 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</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 ; SU 19: Building and construction work</p> <p>Technical function of the substance: corrosion inhibitor ; 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 Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of articles produced using plastics, resins, paints, coatings, mastics and inks (professionals and consumers) ; Service life of articles produced using plastics, resins, paints, coatings, mastics and inks (workers at industrial sites) ; Service life of plaster and cement articles (professionals and consumers) ; Service life of plastic and cement articles (workers at industrial sites) Related assessment: use not assessed</p> |
| PW-14 | <p>Professional use in metal surface treatment <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</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 Subsequent service life relevant for that use: no Related assessment: use not assessed</p> |
| PW-15 | <p>Professional use in water and wastewater treatment <u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> |

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| | <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 Sector of end use: SU 23: Electricity, steam, gas water supply and sewage treatment Technical function of the substance: corrosion inhibitor 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-16 | <p>Professional use of fertilisers <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, 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 not assessed</p> |
| PW-17 | <p>Professional use as a laboratory reagent <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) <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 21: Laboratory chemicals</p> |

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| | <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) ; 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 not assessed</p> |
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Table 2.6. Consumer uses

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| C-18 | <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) - ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor) <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 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> |
| C-19 | <p>Consumer use of cosmetics, dentrifice and oral care 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"> - Cosmetics, personal care products (PC 39) <p>Technical function of the substance: 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 not assessed</p> |
| C-20 | <p>Consumer use in food, animal feeds, medical and pharmaceutical products containing STMP (listed for supply chain information, exempted from REACH)</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 consumers:</p> <ul style="list-style-type: none"> - PC 29: Pharmaceuticals - PC 0: Other: Food and feed products <p>Technical function of the substance: no technical function 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> |

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| | <p>Subsequent service life relevant for that use: no Related assessment: use not assessed</p> |
| C-21 | <p>Consumer use of substance in fertilisers <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 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>Consumer in construction and building work including use of paints, varnishes, coatings, printing inks, mastics, etc. <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 consumers: - PC 1: Adhesives, sealants - PC 9a: Coatings and paints, thinners, paint removes - PC 9b: Fillers, putties, plasters, modelling clay - PC 18: Ink and toners - PC 32: Polymer preparations and compounds 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 articles produced using plastics, resins, paints, coatings, mastics and inks (professionals and consumers) ; Service life of articles produced using plastics, resins, paints, coatings, mastics and inks (workers at industrial sites) ; Service life of plaster and cement articles (professionals and consumers) ; Service life of plastic and cement articles (workers at industrial sites) Related assessment: use not assessed</p> |

Table 2.7. Article service life

| | Article service life |
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| SL-1 | <p>Service life of articles produced using plastics, resins, paints, coatings, mastics and inks (workers at industrial sites) <u>Further description of the use:</u> Article used by: workers Substance intended to be released from article: no Article category related to subsequent service life (AC): AC 8: Paper articles ; AC 11: Wood articles ; AC 13: Plastic articles Contributing activity/technique for the environment: - ERC12a: Processing of articles at industrial sites with low release Contributing activity/technique for consumers: Contributing activity/technique for the workers:</p> |

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| | <p>- PROC 21: Low energy manipulation of substances bound in materials and/or articles 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 Related assessment: use not assessed</p> |
| SL-2 | <p>Service life of articles produced using plastics, resins, paints, coatings, mastics and inks (professionals and consumers) <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 ; AC 11: Wood articles ; AC 13: Plastic 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 - AC 11: Wood articles - AC 13: Plastic 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: 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 Related assessment: use not assessed</p> |
| SL-3 | <p>Service life of plastic and cement articles (workers at industrial sites) <u>Further description of the use:</u> Article used by: workers 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 Contributing activity/technique for the environment: - ERC12a: Processing of articles at industrial sites with low release Contributing activity/technique for consumers: Contributing activity/technique for the workers: - PROC 21: Low energy manipulation of substances bound in materials and/or articles 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 Related assessment: use not assessed</p> |
| SL-4 | <p>Service life of plaster and cement articles (professionals and consumers) <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 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 4: Stone, plaster, cement, glass and ceramic articles Contributing activity/technique for the workers: - PROC 21: Low energy manipulation of substances bound in materials and/or articles</p> |

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| | <p>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 Related assessment: use not assessed</p> |
| SL-5 | <p>Service life of textile and leather articles (workers at industrial sites) <u>Further description of the use:</u> Article used by: workers Substance intended to be released from article: no Article category related to subsequent service life (AC): AC 5: Fabrics, textiles and apparel ; AC 6: Leather articles Contributing activity/technique for the environment: - ERC12a: Processing of articles at industrial sites with low release Contributing activity/technique for consumers: Contributing activity/technique for the workers: - PROC 21: Low energy manipulation of substances bound in materials and/or articles 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 Related assessment: use not assessed</p> |
| SL-6 | <p>Service life of textile and leather articles (professionals and consumers) <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 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: 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 Related assessment: use not assessed</p> |