

2.1. Manufacture

Table 2.2. Manufacture

	Manufacture
M-1	<p>Manufacture of trisodium hydrogen diphosphate Further description of manufacturing process: Contributing activity/technique for the environment : - Manufacture of the substance (ERC1) Contributing activity/technique for the workers : - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1) - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2) - Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3) - Chemical production where opportunity for exposure arises (PROC 4) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Handling of solid inorganic substances at ambient temperature (PROC 26) use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: <=300 tonnes/year Related assessment: use assessed in an own CSR</p>

2.2. Identified uses

Table 2.3. Formulation

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

	<p>paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 12: Fertilisers ; PC 14: 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 21: Laboratory chemicals ; PC 23: Leather treatment products ; PC 24: Lubricants, greases, release products ; PC 25: Metal working fluids ; PC 26: Paper and board treatment 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: 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: <=300 tonnes/year</p> <p>Substance supplied to that use: as such ; in a mixture</p> <p>Related assessment: use assessed in an own CSR</p>
F-3	<p>Formulation of materials</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - Formulation into materials (ERC3) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1) - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2) - Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3) - Chemical production where opportunity for exposure arises (PROC 4) - Mixing or blending in batch processes (PROC 5) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Treatment of articles by dipping and pouring (PROC 13) - Tabletting, compression, extrusion, pelletisation, granulation (PROC 14) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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 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 21: Laboratory chemicals ; PC 23: Leather treatment products ; PC 24: Lubricants, greases, release products ; PC 25: Metal working fluids ; PC 26: Paper and board treatment 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: 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: <=300 tonnes/year</p> <p>Substance supplied to that use: as such ; in a mixture</p> <p>Related assessment: use assessed in an own CSR</p>

Table 2.4. Uses at industrial sites

	Uses at industrial sites
IW-4	<p>Industrial use in washing and cleaning products</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p>

	<p>- Use of non-reactive processing aid at industrial site (no inclusion into or onto article) (ERC4)</p> <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 4: Chemical production where opportunity for exposure arises - Mixing or blending in batch processes (PROC 5) - Industrial spraying (PROC 7) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Roller application or brushing (PROC 10) - Treatment of articles by dipping and pouring (PROC 13) - Manual activities involving hand contact (PROC 19) - 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: ≤ 300 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 an own CSR</p>
IW-5	<p>Industrial use as a binding agent in ceramic materials and in ceramics, cement and plasters</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - Use at industrial site leading to inclusion into/onto article (ERC5) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Mixing or blending in batch processes (PROC 5) - Industrial spraying (PROC 7) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Roller application or brushing (PROC 10) - Treatment of articles by dipping and pouring (PROC 13) - Tabletting, compression, extrusion, pelletisation, granulation (PROC 14)

	<ul style="list-style-type: none"> - Manual activities involving hand contact (PROC 19) - Manufacturing and processing of minerals and/or metals at substantially elevated temperature (PROC 22) - Open processing and transfer operations at substantially elevated temperature (PROC 23) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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 ; 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: <=300 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: Consumer service life of stone, plaster, cement, glass and ceramic articles ; Industrial service life of stone, plaster, cement, glass and ceramic articles ; Professional service life of stone, plaster, cement, glass and ceramic articles Related assessment: use assessed in an own CSR</p>
IW-6	<p>Industrial use in metal surface treatment (no inclusion into or onto article) <u>Further description of the use:</u> Contributing activity/technique for the environment : <ul style="list-style-type: none"> - Use of non-reactive processing aid at industrial site (no inclusion into or onto article) (ERC4) Contributing activity/technique for the workers : <ul style="list-style-type: none"> - Chemical production where opportunity for exposure arises (PROC 4) - Industrial spraying (PROC 7) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Roller application or brushing (PROC 10) - Treatment of articles by dipping and pouring (PROC 13) - Manual activities involving hand contact (PROC 19) - Handling of solid inorganic substances at ambient temperature (PROC 26) 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: <=300 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 an own CSR</p>
IW-7	<p>Industrial use in metal surface treatment (inclusion into/onto article) <u>Further description of the use:</u> Contributing activity/technique for the environment : <ul style="list-style-type: none"> - Use of non-reactive processing aid at industrial site (no inclusion into or onto article) (ERC5) Contributing activity/technique for the workers : <ul style="list-style-type: none"> - Chemical production where opportunity for exposure arises (PROC 4) - Industrial spraying (PROC 7) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities </p>

	<p>(PROC 8b)</p> <ul style="list-style-type: none"> - Roller application or brushing (PROC 10) - Treatment of articles by dipping and pouring (PROC 13) - Manual activities involving hand contact (PROC 19) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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: <=300 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: Consumer use of treated metal articles ; Industrial and professional service life of treated metal articles</p> <p>Related assessment: use assessed in an own CSR</p>
IW-8	<p>Industrial 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"> - Use of functional fluid at industrial site (ERC7) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Roller application or brushing (PROC 10) - Treatment of articles by dipping and pouring (PROC 13) - Lubrication at high energy conditions in metal working operations (PROC 17) - Manual activities involving hand contact (PROC 19) - Manufacturing and processing of minerals and/or metals at substantially elevated temperature (PROC 22) - Open processing and transfer operations at substantially elevated temperature (PROC 23) - High (mechanical) energy work-up of substances bound in /on materials and/or articles (PROC 24) - Other hot work operations with metals (PROC 25) <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: <=300 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 an own CSR</p>
IW-9	<p>Industrial use in dyes and auxiliary chemicals for textiles and leather</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - Use at industrial site leading to inclusion into/onto article (ERC5) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Mixing or blending in batch processes (PROC 5) - Calendering operations (PROC 6)

	<ul style="list-style-type: none"> - Industrial spraying (PROC 7) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Roller application or brushing (PROC 10) - Treatment of articles by dipping and pouring (PROC 13) - Manual activities involving hand contact (PROC 19) <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: <=300 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: Consumer service life of textile and leather articles ; Industrial service life of textile and leather articles ; Professional worker service life of textile and leather articles</p> <p>Related assessment: use assessed in an own CSR</p>
IW-10	<p>Industrial use as an additive/pigment/auxiliary in plastics, resins, paints, coatings, mastics 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"> - Use at industrial site leading to inclusion into/onto article (ERC5) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Mixing or blending in batch processes (PROC 5) - Calendering operations (PROC 6) - Industrial spraying (PROC 7) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Roller application or brushing (PROC 10) - Treatment of articles by dipping and pouring (PROC 13) - Tabletting, compression, extrusion, pelletisation, granulation (PROC 14) - Manual activities involving hand contact (PROC 19) - Handling of solid inorganic substances at ambient temperature (PROC 26) <p>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</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 >=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: <=300 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: Consumer service life of wood articles ; Industrial service life of wood, paper and plastic articles ; Consumer service life of paper articles ; Consumer service life</p>

	<p>of plastic articles ; Professional service life of wood, plastic and paper articles Related assessment: use assessed in an own CSR</p>
IW-11	<p>Industrial use as an intermediate including use of a raw material for the synthesis of a new fertilizer substance. <u>Further description of the use:</u></p> <p>Chemical synthesis under industrial conditions and use in large-scale laboratories</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - Use of intermediate (ERC6a) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1) - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2) - Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3) - Chemical production where opportunity for exposure arises (PROC 4) - Mixing or blending in batch processes (PROC 5) - PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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: fertilisers (soil amendments) ; intermediate (precursor) use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: <=300 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 an own CSR</p>
IW-12	<p>Industrial use as a reactive processing aid <u>Further description of the use:</u></p> <p>Chemical synthesis under industrial conditions and use in large-scale laboratories</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - Use of reactive processing aid at industrial site (no inclusion into or onto article) (ERC6b) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1) - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2) - Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3) - Chemical production where opportunity for exposure arises (PROC 4) - Mixing or blending in batch processes (PROC 5) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)

	<ul style="list-style-type: none"> - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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</p> <p>Tonnage of substance for that use: <=300 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 an own CSR</p>
IW-13	<p>Industrial use in water and wastewater 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"> - Use of non-reactive processing aid at industrial site (no inclusion into or onto article) (ERC4) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1) - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Manual activities involving hand contact (PROC 19) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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: <=300 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 an own CSR</p>
IW-14	<p>Industrial use of oil well and other drilling fluid applications, liquifying earths, muds, clays</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - Use of non-reactive processing aid at industrial site (no inclusion into or onto article) (ERC4) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Mixing or blending in batch processes (PROC 5) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Treatment of articles by dipping and pouring (PROC 13) - General greasing/lubrication at high kinetic energy conditions (PROC 18) - Handling of solid inorganic substances at ambient temperature (PROC 26) <p>Product Category used: PC 17: Hydraulic fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents</p> <p>Sector of end use: SU 2a: Mining (without offshore industries) ; SU 2b: Offshore industries</p> <p>Technical function of the substance: dispersing agent ; 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: <=300 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 an own CSR</p>
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Table 2.5. Uses by professional workers

Uses by professional workers	
PW-15	<p>Professional use in washing and cleaning products <u>Further description of the use:</u> Contributing activity/technique for the environment : - Widespread use of non-reactive processing aid (no inclusion into or onto article) (ERC8a ; ERC8d) 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 - Mixing or blending in batch processes (PROC 5) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Roller application or brushing (PROC 10) - Non industrial spraying (PROC 11) - Treatment of articles by dipping and pouring (PROC 13) - Manual activities involving hand contact (PROC 19) 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 services 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: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>
PW-16	<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 : - Widespread use leading to inclusion into/onto article (ERC8c ; ERC8f) Contributing activity/technique for the workers :</p>

	<ul style="list-style-type: none"> - Mixing or blending in batch processes (PROC 5) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Roller application or brushing (PROC 10) - Non industrial spraying (PROC 11) - Treatment of articles by dipping and pouring (PROC 13) - Tabletting, compression, extrusion, pelletisation, granulation (PROC 14) - Manual activities involving hand contact (PROC 19) - Manufacturing and processing of minerals and/or metals at substantially elevated temperature (PROC 22) - Open processing and transfer operations at substantially elevated temperature (PROC 23) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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 ; 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: <=300 tonnes/year Subsequent service life relevant for that use: yes Link to the subsequent service life: Consumer service life of stone, plaster, cement, glass and ceramic articles ; Professional service life of stone, plaster, cement, glass and ceramic articles Related assessment: use assessed in an own CSR</p>
PW-17	<p>Professional use in metal surface treatment <u>Further description of the use:</u> Contributing activity/technique for the environment : <ul style="list-style-type: none"> - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) (ERC8a) Contributing activity/technique for the workers : <ul style="list-style-type: none"> - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Roller application or brushing (PROC 10) - Non industrial spraying (PROC 11) - Treatment of articles by dipping and pouring (PROC 13) - Manual activities involving hand contact (PROC 19) - Handling of solid inorganic substances at ambient temperature (PROC 26) 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: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>
PW-18	<p>Professional use in metal working fluids, lubricants, greases, heat transfer fluids and hydraulic fluids <u>Further description of the use:</u> Contributing activity/technique for the environment : <ul style="list-style-type: none"> - Widespread use of non-reactive processing aid (no inclusion into or onto article) (ERC8a ; ERC8d) Contributing activity/technique for the workers : <ul style="list-style-type: none"> - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities </p>

	<p>(PROC 8a)</p> <ul style="list-style-type: none"> - Roller application or brushing (PROC 10) - Non industrial spraying (PROC 11) - Treatment of articles by dipping and pouring (PROC 13) - Lubrication at high energy conditions in metal working operations (PROC 17) - Manual activities involving hand contact (PROC 19) - Manufacturing and processing of minerals and/or metals at substantially elevated temperature (PROC 22) - Open processing and transfer operations at substantially elevated temperature (PROC 23) - High (mechanical) energy work-up of substances bound in /on materials and/or articles (PROC 24) - Other hot work operations with metals (PROC 25) <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 Tonnage of substance for that use: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>
PW-19	<p>Professional use in dyes and auxiliary chemicals for textiles and leather</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - Widespread use leading to inclusion into/onto article (ERC8c ; ERC8f) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Mixing or blending in batch processes (PROC 5) - Calendering operations (PROC 6) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Roller application or brushing (PROC 10) - Non industrial spraying (PROC 11) - Treatment of articles by dipping and pouring (PROC 13) - Manual activities involving hand contact (PROC 19) <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 use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: <=300 tonnes/year Subsequent service life relevant for that use: yes Link to the subsequent service life: Consumer service life of textile and leather articles ; Professional worker service life of textile and leather articles Related assessment: use assessed in an own CSR</p>
PW-20	<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"> - Widespread use leading to inclusion into/onto article (ERC8c ; ERC8f) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Mixing or blending in batch processes (PROC 5) - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)

	<ul style="list-style-type: none"> - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Roller application or brushing (PROC 10) - Non industrial spraying (PROC 11) - Treatment of articles by dipping and pouring (PROC 13) - Manual activities involving hand contact (PROC 19) <p>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</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 use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: <=300 tonnes/year Subsequent service life relevant for that use: yes Link to the subsequent service life: Consumer service life of wood articles ; Industrial service life of wood, paper and plastic articles ; Consumer service life of paper articles ; Consumer service life of plastic articles ; Professional service life of wood, plastic and paper articles Related assessment: use assessed in an own CSR</p>
PW-21	<p>Professional use as an intermediate</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - Widespread use of reactive processing aid (no inclusion into or onto article, indoor) (ERC8b)</p> <p>Contributing activity/technique for the workers : - Use as laboratory reagent (PROC 15)</p> <p>Product Category used: 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) use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>
PW-22	<p>Professional use as a reactive processing aid</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment : - Widespread use of reactive processing aid (no inclusion into or onto article, indoor) (ERC8b)</p> <p>Contributing activity/technique for the workers : - Use as laboratory reagent (PROC 15)</p> <p>Product Category used: 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: processing aid use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant Tonnage of substance for that use: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>
PW-23	<p>Professional use in water and wastewater treatment</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment :</p>

	<ul style="list-style-type: none"> - Widespread use of non-reactive processing aid (no inclusion into or onto article) (ERC8a ; ERC8d) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Manual activities involving hand contact (PROC 19) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>
PW-24	<p>Professional use as a fertiliser <u>Further description of the use:</u></p> <p>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>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> - Widespread use of reactive processing aid (no inclusion into or onto article) (ERC8b ; ERC8e) <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> - Mixing or blending in batch processes (PROC 5) - Transfer of substance or mixtures (charging and discharging) at non-dedicated facilities (PROC 8a) - Transfer of substance or mixtures (charging and discharging) at dedicated facilities (PROC 8b) - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9) - Non industrial spraying (PROC 11) - Use as a laboratory reagent (PROC 15) - Manual activities involving hand contact (PROC 19) - Handling of solid inorganic substances at ambient temperature (PROC 26) <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: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>

Table 2.6. Consumer uses

	Consumer uses
C-15	<p>Consumer use in washing and cleaning products <u>Further description of the use:</u> Contributing activity/technique for the environment:</p>

	<p>- Widespread use of non-reactive processing aid (no inclusion into or onto article) (ERC8a ; ERC8d)</p> <p>Contributing activity/technique for consumers:</p> <p>- Washing and cleaning products (PC 35)</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 Tonnage of substance for that use: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>
C-16	<p>Consumer use as a binding agent in ceramic materials and in ceramics, cement and plasters</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment:</p> <p>- Widespread use leading to inclusion into/onto article (ERC8c ; ERC8f)</p> <p>Contributing activity/technique for consumers:</p> <p>- Fillers, putties, plasters, modelling clay (PC 9b)</p> <p>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: <=300 tonnes/year Subsequent service life relevant for that use: yes Link to the subsequent service life: Consumer service life of stone, plaster, cement, glass and ceramic articles Related assessment: use assessed in an own CSR</p>
C-17	<p>Consumer use of paint, varnish, coating and ink products</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment:</p> <p>- Widespread use leading to inclusion into/onto article (ERC8c ; ERC8f)</p> <p>Contributing activity/technique for consumers:</p> <p>- Coatings and paints, thinners, paint removers (PC 9a) - Fillers, putties, plasters, modelling clay (PC 9b) - Ink and toners (PC 18) - Polymer preparations and compounds (PC 32)</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: <=300 tonnes/year Subsequent service life relevant for that use: yes Link to the subsequent service life: Consumer service life of wood articles ; Consumer service life of paper articles ; Consumer service life of plastic articles Related assessment: use assessed in an own CSR</p>
C-18	<p>Consumer use in fertilisers</p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment:</p> <p>- Widespread use of reactive processing aid (no inclusion into or onto article) (ERC8b ; ERC8e)</p> <p>Contributing activity/technique for consumers:</p> <p>- Fertilisers (PC 12)</p> <p>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: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>

C-19	<p>Consumer use of cosmetics, dentrifice and oral care products</p> <p><u>Further description of the use:</u> Contributing activity/technique for the environment: - Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) (ERC8a ; ERC8b)</p> <p>Contributing activity/technique for consumers: - Cosmetics, personal care products (PC 39)</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: <=300 tonnes/year Subsequent service life relevant for that use: no Related assessment: use assessed in an own CSR</p>
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Table 2.7. Article service life

Article service life	
SL-1	<p>Industrial service life of stone, plaster, cement, glass and ceramic articles</p> <p><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</p> <p>Contributing activity/technique for the environment: - Processing of articles at industrial sites with low release (ERC12a)</p> <p>Contributing activity/technique for consumers: Contributing activity/technique for the workers: - Low energy manipulation and handling of substances bound in/on materials or articles (PROC 21)</p> <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: <=300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-2	<p>Professional service life of stone, plaster, cement, glass and ceramic articles</p> <p><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</p> <p>Contributing activity/technique for the environment: - Widespread use of articles with low release (ERC10a ; ERC11a)</p> <p>Contributing activity/technique for consumers: Contributing activity/technique for the workers: - Low energy manipulation and handling of substances bound in/on materials or articles (PROC 21)</p> <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: <=300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-3	<p>Consumer service life of stone, plaster, cement, glass and ceramic articles</p> <p><u>Further description of the use:</u> Article used by: consumers Substance intended to be released from article: no</p>

	<p>Article category related to subsequent service life (AC): Contributing activity/technique for the environment: - Widespread use of articles with low release (ERC10a ; ERC11a) Contributing activity/technique for consumers: - Stone, plaster, cement, glass and ceramic articles (AC 4) Contributing activity/technique for the workers: 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: <=300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-4	<p>Industrial service life of textile and leather articles <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: - Processing of articles at industrial sites with low release (ERC12a) Contributing activity/technique for consumers: Contributing activity/technique for the workers: - Low energy manipulation and handling of substances bound in/on materials or articles (PROC 21) 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: <=300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-5	<p>Professional worker service life of textile and leather articles <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: - Widespread use of articles with low release (ERC10a ; ERC11a) Contributing activity/technique for consumers: Contributing activity/technique for the workers: - Low energy manipulation and handling of substances bound in/on materials or articles (PROC 21) 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: <=300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-6	<p>Consumer service life of textile and leather articles <u>Further description of the use:</u> Article used by: consumers Substance intended to be released from article: no Article category related to subsequent service life (AC): Contributing activity/technique for the environment: - Widespread use of articles with low release (ERC10a ; ERC11a) Contributing activity/technique for consumers: - Textile articles (AC 5) - Leather articles (AC 6) Contributing activity/technique for the workers:</p>

	<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: ≤ 300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-7	<p>Industrial service life of wood, paper and plastic articles <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: - Processing of articles at industrial sites with low release (ERC12a) Contributing activity/technique for consumers: Contributing activity/technique for the workers: - Low energy manipulation and handling of substances bound in/on materials or articles (PROC 21) 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: ≤ 300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-8	<p>Professional service life of wood, plastic and paper articles <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: - Widespread use of articles with low release (ERC10a ; ERC11a) Contributing activity/technique for consumers: Contributing activity/technique for the workers: - Low energy manipulation and handling of substances bound in/on materials or articles (PROC 21) 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: ≤ 300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-9	<p>Consumer service life of paper articles <u>Further description of the use:</u> Article used by: consumers Substance intended to be released from article: no Article category related to subsequent service life (AC): Contributing activity/technique for the environment: - Widespread use of articles with low release (ERC10a ; ERC11a) Contributing activity/technique for consumers: - Paper articles (AC 8) Contributing activity/technique for the workers: 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: ≤ 300 tonnes/year Related assessment: use assessed in an own CSR</p>

SL-10	<p>Consumer service life of wood articles <u>Further description of the use:</u> Article used by: consumers Substance intended to be released from article: no Article category related to subsequent service life (AC): Contributing activity/technique for the environment: - Widespread use of articles with low release (ERC10a ; ERC11a) Contributing activity/technique for consumers: - Wood articles (AC 11) Contributing activity/technique for the workers: 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: <=300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-11	<p>Consumer service life of plastic articles <u>Further description of the use:</u> Article used by: consumers Substance intended to be released from article: no Article category related to subsequent service life (AC): Contributing activity/technique for the environment: - Widespread use of articles with low release (ERC10a ; ERC11a) Contributing activity/technique for consumers: - Plastic articles (AC 13) Contributing activity/technique for the workers: 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: <=300 tonnes/year Related assessment: use assessed in an own CSR</p>
SL-12	<p>Industrial and professional service life of treated metal articles <u>Further description of the use:</u> Article used by: workers Substance intended to be released from article: Article category related to subsequent service life (AC): AC 7: Metal 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: 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 Related assessment: use assessed in an own CSR</p>
SL-13	<p>Consumer use of treated metal articles <u>Further description of the use:</u> Article used by: consumers Substance intended to be released from article: no Article category related to subsequent service life (AC): 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 7: Metal articles Contributing activity/technique for the workers:</p>

	<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 assessed in an own CSR</p>
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