

## 2.1. Manufacture

Table 2.2. Manufacture

	Manufacture
M-1	<p><b>Manufacture of Phosphoric acid. Including manufacture of phosphoric acid as an intermediate</b></p> <p><u>Further description of manufacturing process:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC1: Manufacture of the substance</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 15: Use as laboratory reagent</b></li> </ul> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Related assessment: use assessed in an own CSR</p>

## 2.2. Identified uses

Table 2.3. Formulation

	Formulation
F-1	<p><b>Formulation of mixtures</b></p> <p><u>Further description of the use:</u></p> <p>Formulation, packing and re-packing of the substance and its mixtures in batch or continuous operations, including storage, materials transfers, mixing, tableting, compression, pelletisation, extrusion, large and small scale packing, sampling, maintenance and associated laboratory activities.</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC2: Formulation into mixture</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line,</b></li> </ul>

	<p><b>including weighing)</b></p> <ul style="list-style-type: none"><li>- <b>PROC 15: Use as laboratory reagent</b></li><li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li><li>- <b>PROC28: Manual maintenance (cleaning and repair) of machinery</b></li></ul> <p><b>Product Category formulated:</b> PC 1: Adhesives, sealants ; PC 4: Anti-freeze and de-icing products ; PC 7: Base metals and alloys ; PC 8: Biocidal products (e.g. disinfectants, pest control) ; PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 12: Fertilisers ; PC 13: Fuels ; PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products ; PC 16: Heat transfer fluids ; 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 27: Plant protection products ; PC 32: Polymer preparations and compounds ; PC 33: Semiconductors ; PC 34: Textile dyes, and impregnating products ; PC 35: Washing and cleaning products ; PC 36: Water softeners ; PC 37: Water treatment chemicals ; PC 38: Welding and soldering products, flux products ; PC 39: Cosmetics, personal care products ; PC41: Oil and gas exploration or production products ; PC 0: Other: UCN-Code B 20300, K 35900</p> <p><b>Technical function of the substance:</b> intermediate (precursor) ; pH regulating agent ; Component of a mixture</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p> <p>ES Short Title for ES communication: Formulation including mixing, handling, repacking; various products; ERC 2</p> <p>Related assessment: use assessed in an own CSR</p>
F-2	<p><b>formulation of mixtures and materials/articles</b></p> <p><u>Further description of the use:</u></p> <p>Includes re-packaging and distribution</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"><li>- <b>ERC3: Formulation into solid matrix</b></li></ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"><li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li><li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li><li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li><li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li><li>- <b>PROC 5: Mixing or blending in batch processes</b></li><li>- <b>PROC 7: Industrial spraying</b></li><li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li><li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li><li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li><li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li><li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li><li>- <b>PROC 15: Use as laboratory reagent</b></li><li>- <b>PROC28: Manual maintenance (cleaning and repair) of machinery</b></li></ul> <p><b>Product Category formulated:</b> PC 1: Adhesives, sealants ; PC 7: Base metals and alloys ; PC 8:</p>

	<p>Biocidal products (e.g. disinfectants, pest control) ; PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 12: Fertilisers ; PC 13: Fuels ; PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products ; 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 33: Semiconductors ; PC 34: Textile dyes, and impregnating products ; PC 35: Washing and cleaning products ; PC 37: Water treatment chemicals ; PC 38: Welding and soldering products, flux products ; PC 39: Cosmetics, personal care products ; PC 0: Other: UCN-Code B 20300, K 35900</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; intermediate (precursor) ; pH regulating agent ; processing aid ; laboratory chemicals, Degreasing agent</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Substance supplied to that use: as such ; in a mixture</p> <p>Remarks:</p> <p>ES Short Title for ES communication: Formulation including mixing, handling, repacking; various products; ERC 3</p> <p>Related assessment: use assessed in an own CSR</p>
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**Table 2.4. Uses at industrial sites**

Uses at industrial sites	
IW-1	<p><b>Synthesis of chemical products (use as intermediate), including use of a raw material for the synthesis of a new fertilizer substance.</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC6a: Use of intermediate</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> <li>- <b>PROC 15: Use as laboratory reagent</b></li> </ul> <p><b>Product Category used:</b> PC 12: Fertilisers</p> <p><b>Sector of end use:</b> SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; fertilisers (soil amendments) ; intermediate (precursor)</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p>

	<p>ES Short Title for ES communication: Use at industrial sites; various sectors (SU 8, SU 9); ERC 6a</p> <p>Related assessment: use assessed in an own CSR</p>
<p>IW-2</p>	<p><b>Synthesis of chemical products (use as a processing aid)</b>  <u>Further description of the use:</u>          Contributing activity/technique for the environment :            - <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b>          Contributing activity/technique for the workers :            - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b>            - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b>            - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b>            - <b>PROC 4: Chemical production where opportunity for exposure arises</b>            - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b>            - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b>            - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b>            - <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b>            - <b>PROC 15: Use as laboratory reagent</b>  <b>Sector of end use:</b> SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals  <b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; intermediate (precursor) ; pH regulating agent ; processing aid          use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant          Tonnage of substance for that use: tonnes/year          Substance supplied to that use: as such ; in a mixture          Subsequent service life relevant for that use: no          Remarks:           ES Short Title for ES communication: Use at industrial sites; various sectors (SU 8, SU 9); ERC 6b           Related assessment: use assessed in an own CSR</p>
<p>IW-3</p>	<p><b>Use in metal and non-metal surface treatment, not becoming part of an article.</b>  <u>Further description of the use:</u>           Phosphoric acid used alone or in mixtures in “open” industrial applications for metal cleaning, polishing, rust removal, corrosion protection, finishing.           Contributing activity/technique for the environment :            - <b>ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article)</b>          Contributing activity/technique for the workers :            - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b>            - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b>            - <b>PROC 4: Chemical production where opportunity for exposure arises</b>            - <b>PROC 5: Mixing or blending in batch processes</b>            - <b>PROC 7: Industrial spraying</b>            - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at</b></p>

	<p><b>non-dedicated facilities</b></p> <ul style="list-style-type: none"> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 15: Use as laboratory reagent</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 21: Low energy manipulation of substances bound in materials and/or articles</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> <li>- <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b></li> <li>- <b>PROC 25: Other hot work operations with metals</b></li> <li>- <b>PROC 28: Manual maintenance (cleaning and repair) of machinery</b></li> </ul> <p><b>Product Category used:</b> PC 7: Base metals and alloys ; PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products ; PC 21: Laboratory chemicals ; PC 33: Semiconductors ; PC 35: Washing and cleaning products</p> <p><b>Sector of end use:</b> 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</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; intermediate (precursor) ; oxidising agent ; pH regulating agent ; plating agents and metal surface treating agents ; processing aid ; Degreasing agents, electrolyte</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 7, PC 14, PC 15, PC 21, PC 35); various sectors (SU 14, SU 15, SU 16, SU 17); ERC 4</p> <p>Related assessment: use assessed in an own CSR</p>
IW-4	<p><b>Use in metal and non-metal surface treatment, resulting in inclusion in articles.</b></p> <p><u>Further description of the use:</u></p> <p>Phosphoric acid used alone or in mixtures in “open” industrial applications for metal cleaning, polishing, rust removal, corrosion protection, adsorption enhancement, finishing.</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC5: Use at industrial site leading to inclusion into/onto article</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 7: Industrial spraying</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> </ul>

	<ul style="list-style-type: none"> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> <li>- <b>PROC 16: Use of fuels</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 21: Low energy manipulation of substances bound in materials and/or articles</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> <li>- <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b></li> <li>- <b>PROC 25: Other hot work operations with metals</b></li> <li>- <b>PROC28: Manual maintenance (cleaning and repair) of machinery</b></li> </ul> <p><b>Product Category used:</b> PC 7: Base metals and alloys ; PC 9a: Coatings and paints, thinners, paint removes ; PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 21: Laboratory chemicals ; PC 24: Lubricants, greases, release products ; PC 35: Washing and cleaning products</p> <p><b>Sector of end use:</b> 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</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; intermediate (precursor) ; oxidising agent ; pH regulating agent ; plating agents and metal surface treating agents ; processing aid ; Degreasing agent, electrolyte</p> <p>Tonnage of substance for that use: tonnes/year  Substance supplied to that use: as such ; in a mixture  Subsequent service life relevant for that use: yes  Link to the subsequent service life: Service life of metal and non-metal articles treated with phosphoric acid</p> <p>Remarks:</p> <p>Use as a protective coating and oxidation inhibitor.  ES Short Title for ES communication: Use at industrial sites; various sectors (SU 14, SU 15, SU 16, SU 17); ERC 5</p> <p>Related assessment: use assessed in an own CSR</p>
IW-5	<p><b>Use in metal and non-metal surface treatment as a processing aid.</b></p> <p><u>Further description of the use:</u></p> <p>phosphoric acid used alone or in mixtures in “open” industrial applications for metal cleaning, polishing, rust removal, corrosion protection, finishing.</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 7: Industrial spraying</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated</b></li> </ul>

	<p><b>facilities [EU REACH]</b></p> <ul style="list-style-type: none"> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 21: Low energy manipulation of substances bound in materials and/or articles</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> <li>- <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b></li> <li>- <b>PROC 25: Other hot work operations with metals</b></li> <li>- <b>PROC28: Manual maintenance (cleaning and repair) of machinery</b></li> </ul> <p><b>Product Category used:</b> PC 7: Base metals and alloys ; PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 21: Laboratory chemicals ; PC 35: Washing and cleaning products</p> <p><b>Sector of end use:</b> 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</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; intermediate (precursor) ; oxidising agent ; pH regulating agent ; plating agents and metal surface treating agents ; processing aid ; Degreasing agent,electrolyte</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p> <p>Use as a protective coating and oxidation inhibitor.</p> <p>ES Short Title for ES communication: Use at industrial sites; various sectors (SU 14, SU 15, SU 16, SU 17); ERC 6b</p> <p>Related assessment: use assessed in an own CSR</p>
IW-6	<p><b>Cleaning agent</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 7: Industrial spraying</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line,</b></li> </ul>

	<p><b>including weighing)</b></p> <ul style="list-style-type: none"> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC28: Manual maintenance (cleaning and repair) of machinery</b></li> </ul> <p><b>Product Category used:</b> PC 8: Biocidal products (e.g. disinfectants, pest control) ; PC 35: Washing and cleaning products ; PC 0: Other: UCN code A20100 antiscaling agents</p> <p><b>Sector of end use:</b> 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: NACE Code C10: Manufacture of food products</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; intermediate (precursor) ; pH regulating agent ; processing aid ; laboratory chemicals, Degreasing agent use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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 Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 8, PC 35); various sectors (SU 4, SU 20, SU 0: other: NACE Code C10: manufacture of food products); ERC 4</p> <p>Related assessment: use assessed in an own CSR</p>
IW-7	<p><b>Cleaning agent</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 7: Industrial spraying</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> </ul>

	<p>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b>  - <b>PROC28: Manual maintenance (cleaning and repair) of machinery</b>  <b>Product Category used:</b> PC 8: Biocidal products (e.g. disinfectants, pest control) ; PC 35: Washing and cleaning products ; PC 0: Other: UCN code A20100 antiscaling agents  <b>Sector of end use:</b> SU 4: Manufacture of food products ; SU 20: Health services ; SU 0: Other: NACE Code C10: Manufacture of food products  <b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; intermediate (precursor) ; pH regulating agent ; processing aid ; laboratory chemicals, Degreasing agent  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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  Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 8, PC 35); various sectors (SU 4, SU 20, SU 0: other: NACE Code C10: manufacture of food products); ERC 6b</p> <p>Related assessment: use assessed in an own CSR</p>
IW-8	<p><b>Processing aid in chemical industry and other industries.</b>  <u>Further description of the use:</u></p> <p>Includes laboratory applications.</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 7: Industrial spraying</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 15: Use as laboratory reagent</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> <li>- <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b></li> </ul> <p><b>Product Category used:</b> PC 1: Adhesives, sealants ; PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 13: Fuels ; 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 33: Semiconductors ; PC 34: Textile dyes, and impregnating products ; PC 35: Washing and cleaning products ; PC 37: Water treatment chemicals ; PC 39: Cosmetics, personal</p>

	<p>care products  <b>Sector of end use:</b> SU 4: Manufacture of food products ; SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals ; SU 11: Manufacture of rubber products ; SU 16: Manufacture of computer, electronic and optical products, electrical equipment ; SU 19: Building and construction work  <b>Technical function of the substance:</b> intermediate (precursor) ; pH regulating agent ; processing aid ; laboratory chemicals, electrolyte  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Substance supplied to that use: as such ; in a mixture  Subsequent service life relevant for that use: no  Remarks:   ES Short Title for ES communication: Use at industrial sites; various products; various sectors; ERC 4   Related assessment: use assessed in an own CSR</p>
IW-9	<p><b>Processing aid in chemical industry and other industries.</b>  <u>Further description of the use:</u>   Including laboratory applications.   Contributing activity/technique for the environment :  - <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b>  Contributing activity/technique for the workers :  - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b>  - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 4: Chemical production where opportunity for exposure arises</b>  - <b>PROC 5: Mixing or blending in batch processes</b>  - <b>PROC 7: Industrial spraying</b>  - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b>  - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b>  - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b>  - <b>PROC 13: Treatment of articles by dipping and pouring</b>  - <b>PROC 15: Use as laboratory reagent</b>  - <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b>  - <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b>  <b>Product Category used:</b> PC 1: Adhesives, sealants ; PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 13: Fuels ; 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 33: Semiconductors ; PC 34: Textile dyes, and impregnating products ; PC 37: Water treatment chemicals ; PC 39: Cosmetics, personal care products  <b>Sector of end use:</b> SU 4: Manufacture of food products ; SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals ; SU 11: Manufacture of rubber products ; SU 16: Manufacture of computer, electronic and optical products,</p>

	<p>electrical equipment ; SU 19: Building and construction work  <b>Technical function of the substance:</b> intermediate (precursor) ; pH regulating agent ; processing aid ; laboratory chemicals, electrolyte  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Substance supplied to that use: as such ; in a mixture  Subsequent service life relevant for that use: no  Remarks:    ES Short Title for ES communication: Use at industrial sites; various products; various sectors; ERC 6b    Related assessment: use assessed in an own CSR</p>
IW-10	<p><b>Processing aid in chemical industry and other industries, resulting in incorporation in articles.</b>  <u>Further description of the use:</u>    Including laboratory applications.    Contributing activity/technique for the environment :  - <b>ERC6d: Use of reactive process regulators in polymerisation processes at industrial site (inclusion or not into/onto article)</b>  Contributing activity/technique for the workers :  - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b>  - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 4: Chemical production where opportunity for exposure arises</b>  - <b>PROC 5: Mixing or blending in batch processes</b>  - <b>PROC 7: Industrial spraying</b>  - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b>  - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b>  - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b>  - <b>PROC 13: Treatment of articles by dipping and pouring</b>  - <b>PROC 15: Use as laboratory reagent</b>  - <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b>  - <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b>  <b>Product Category used:</b> PC 1: Adhesives, sealants ; PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 13: Fuels ; 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 33: Semiconductors ; PC 34: Textile dyes, and impregnating products ; PC 37: Water treatment chemicals ; PC 39: Cosmetics, personal care products  <b>Sector of end use:</b> SU 4: Manufacture of food products ; SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals ; SU 11: Manufacture of rubber products ; SU 16: Manufacture of computer, electronic and optical products, electrical equipment ; SU 19: Building and construction work  <b>Technical function of the substance:</b> intermediate (precursor) ; pH regulating agent ; processing</p>

	<p>aid ; laboratory chemicals, electrolyte use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such ; in a mixture Subsequent service life relevant for that use: yes Link to the subsequent service life: Service life of plastic articles and resins containing low levels of phosphoric acid. Remarks:  ES Short Title for ES communication: Use at industrial sites; various products; various sectors; ERC 6d  Related assessment: use assessed in an own CSR</p>
IW-11	<p><b>Processing aid in chemical industry and other industries.</b> <u>Further description of the use:</u>  Including laboratory applications.  Contributing activity/technique for the environment : - <b>ERC7: Use of functional fluid at industrial site</b> Contributing activity/technique for the workers : - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b> - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 4: Chemical production where opportunity for exposure arises</b> - <b>PROC 5: Mixing or blending in batch processes</b> - <b>PROC 7: Industrial spraying</b> - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b> - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b> - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b> - <b>PROC 13: Treatment of articles by dipping and pouring</b> - <b>PROC 15: Use as laboratory reagent</b> - <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b> - <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b> <b>Product Category used:</b> PC 1: Adhesives, sealants ; PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 13: Fuels ; 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 33: Semiconductors ; PC 34: Textile dyes, and impregnating products ; PC 37: Water treatment chemicals ; PC 39: Cosmetics, personal care products <b>Sector of end use:</b> SU 4: Manufacture of food products ; SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals ; SU 11: Manufacture of rubber products ; SU 16: Manufacture of computer, electronic and optical products, electrical equipment ; SU 19: Building and construction work <b>Technical function of the substance:</b> intermediate (precursor) ; pH regulating agent ; processing aid ; laboratory chemicals, electrolyte use registered according to REACH Article 10; total tonnage manufactured/imported</p>

	<p>&gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such ; in a mixture Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products; various sectors; ERC 7</p> <p>Related assessment: use assessed in an own CSR</p>
IW-12	<p><b>Use as a phosphate source.</b> <u>Further description of the use:</u></p> <p>Phosphate source for feeding yeasts in food industry and as a bacterial feed in sewage treatment.</p> <p>Contributing activity/technique for the environment : - <b>ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article)</b></p> <p>Contributing activity/technique for the workers : - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 4: Chemical production where opportunity for exposure arises</b> - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b> - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b> - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></p> <p><b>Product Category used:</b> PC 0: Other: nutritional source <b>Sector of end use:</b> SU 4: Manufacture of food products ; SU 23: Electricity, steam, gas water supply and sewage treatment <b>Technical function of the substance:</b> food/feedstuff additives use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; other product – nutritional source (PC 0); various sectors (SU 4, SU 23); ERC 4</p> <p>Related assessment: use assessed in an own CSR</p>
IW-13	<p><b>Use of phosphoric acid as a catalyst</b> <u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment : - <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b></p> <p>Contributing activity/technique for the workers : - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b> - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 4: Chemical production where opportunity for exposure arises</b> - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at</b></p>

	<p><b>non-dedicated facilities</b></p> <ul style="list-style-type: none"> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 15: Use as laboratory reagent</b></li> </ul> <p><b>Sector of end use:</b> SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals</p> <p><b>Technical function of the substance:</b> catalyst ; intermediate (precursor)</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various sectors (SU 8, SU 9); ERC 6b</p> <p>Related assessment: use assessed in an own CSR</p>
IW-14	<p><b>Use as a binding agent in ceramic materials and refractory products, resulting in incorporation in articles.</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC5: Use at industrial site leading to inclusion into/onto article</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 7: Industrial spraying</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> </ul> <p><b>Product Category used:</b> PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 0: Other: UCN-Code B 20300, K 35900 (other construction materials)</p> <p><b>Sector of end use:</b> SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement ; SU 19: Building and construction work</p> <p><b>Technical function of the substance:</b> Processing aid, not otherwise listed</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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: yes</p> <p>Link to the subsequent service life: Service life of construction articles containing phosphoric acid</p> <p>Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 20, PC 0: Other: UCN-Code B 20300, K 35900); various sectors (SU 13, SU 19); ERC 5</p> <p>Related assessment: use assessed in an own CSR</p>
IW-15	<p><b>Use as a binding agent in ceramic materials and in refractory products, not becoming part of articles.</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 7: Industrial spraying</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> </ul>

	<ul style="list-style-type: none"> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> </ul> <p><b>Product Category used:</b> PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 0: Other: UCN-Code B 20300, K 35900 (other construction materials)</p> <p><b>Sector of end use:</b> SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement ; SU 19: Building and construction work</p> <p><b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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 Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 20, PC 0: Other: UCN-Code B 20300, K 35900; various sectors (SU 13, SU 19); ERC 6b</p> <p>Related assessment: use assessed in an own CSR</p>
IW-16	<p><b>Use as an additive, pigment or auxiliary in plastics, resins and paints.</b> <u>Further description of the use:</u> Contributing activity/technique for the environment : - <b>ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article)</b></p> <p>Contributing activity/technique for the workers : - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b> - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 4: Chemical production where opportunity for exposure arises</b> - <b>PROC 5: Mixing or blending in batch processes</b> - <b>PROC 6: Calendering operations</b> - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b> - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b> - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b> - <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></p> <p><b>Product Category used:</b> PC 9a: Coatings and paints, thinners, paint removes ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds</p> <p><b>Sector of end use:</b> SU 12: Manufacture of plastics products, including compounding and conversion</p> <p><b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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 Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 9a, PC 20, PC 32); manufacture of plastics products, including compounding and conversion (SU 12); ERC 4</p>

	<p>Related assessment: use assessed in an own CSR</p>
<p>IW-17</p>	<p><b>Use as an additive, pigment or auxiliary in plastics, resins and paints, resulting in incorporation in articles.</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment :  - <b>ERC5: Use at industrial site leading to inclusion into/onto article</b>  Contributing activity/technique for the workers :  - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b>  - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 4: Chemical production where opportunity for exposure arises</b>  - <b>PROC 5: Mixing or blending in batch processes</b>  - <b>PROC 6: Calendering operations</b>  - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b>  - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b>  - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b>  - <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b>  <b>Product Category used:</b> PC 9a: Coatings and paints, thinners, paint removers ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds  <b>Sector of end use:</b> SU 12: Manufacture of plastics products, including compounding and conversion  <b>Technical function of the substance:</b> processing aid  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Substance supplied to that use: in a mixture  Subsequent service life relevant for that use: yes  Link to the subsequent service life: Service life of plastic articles and resins containing low levels of phosphoric acid.  Remarks:   ES Short Title for ES communication: Use at industrial sites; various products (PC 9a, PC 20, PC 32); manufacture of plastics products, including compounding and conversion (SU 12); ERC 5   Related assessment: use assessed in an own CSR</p>
<p>IW-18</p>	<p><b>Use as an additive, pigment or auxiliary in plastics, resins and paints.</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment :  - <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b>  Contributing activity/technique for the workers :  - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b>  - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 4: Chemical production where opportunity for exposure arises</b>  - <b>PROC 5: Mixing or blending in batch processes</b></p>

	<ul style="list-style-type: none"><li>- <b>PROC 6: Calendering operations</b></li><li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li><li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li><li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li><li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li></ul> <p><b>Product Category used:</b> PC 9a: Coatings and paints, thinners, paint removes ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds</p> <p><b>Sector of end use:</b> SU 12: Manufacture of plastics products, including compounding and conversion</p> <p><b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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 Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 9a, PC 20, PC 32); manufacture of plastics products, including compounding and conversion (SU 12); ERC 6b</p> <p>Related assessment: use assessed in an own CSR</p>
IW-19	<p><b>Use as an additive, pigment or auxiliary in plastics, resins and paints.</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"><li>- <b>ERC7: Use of functional fluid at industrial site</b></li></ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"><li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li><li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li><li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li><li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li><li>- <b>PROC 5: Mixing or blending in batch processes</b></li><li>- <b>PROC 6: Calendering operations</b></li><li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li><li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li><li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li><li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li></ul> <p><b>Product Category used:</b> PC 9a: Coatings and paints, thinners, paint removes ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds</p> <p><b>Sector of end use:</b> SU 12: Manufacture of plastics products, including compounding and conversion</p> <p><b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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</p>

	<p>Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 9a, PC 20, PC 32); manufacture of plastics products, including compounding and conversion (SU 12); ERC 7</p> <p>Related assessment: use assessed in an own CSR</p>
IW-20	<p><b>Use in water and wastewater treatment.</b> <u>Further description of the use:</u> Contributing activity/technique for the environment : - <b>ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article)</b> Contributing activity/technique for the workers : - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b> - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 6: Calendering operations</b> - <b>PROC 7: Industrial spraying</b> - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b> - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b> - <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b> - <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b> - <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b> - <b>PROC 26: Handling of solid inorganic substances at ambient temperature</b> <b>Product Category used:</b> PC 4: Anti-freeze and de-icing products ; PC 16: Heat transfer fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 36: Water softeners ; PC 37: Water treatment chemicals <b>Sector of end use:</b> SU 23: Electricity, steam, gas water supply and sewage treatment <b>Technical function of the substance:</b> pH regulating agent ; processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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 Remarks:  ES Short Title for ES communication: Use at industrial sites; various products (PC 4, 16, PC 20, PC 36, PC 37); electricity, steam, gas water supply and sewage treatment (SU 23); ERC 4  Related assessment: use assessed in an own CSR</p>
IW-21	<p><b>Use in water and wastewater treatment.</b> <u>Further description of the use:</u> Contributing activity/technique for the environment : - <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b> Contributing activity/technique for the workers : - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b> - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 6: Calendering operations</b> - <b>PROC 7: Industrial spraying</b> - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></p>

	<ul style="list-style-type: none"> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> <li>- <b>PROC 26: Handling of solid inorganic substances at ambient temperature</b></li> </ul> <p><b>Product Category used:</b> PC 4: Anti-freeze and de-icing products ; PC 16: Heat transfer fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 36: Water softeners ; PC 37: Water treatment chemicals</p> <p><b>Sector of end use:</b> SU 23: Electricity, steam, gas water supply and sewage treatment</p> <p><b>Technical function of the substance:</b> pH regulating agent ; processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 4, 16, PC 20, PC 36, PC 37); electricity, steam, gas water supply and sewage treatment (SU 23); ERC 6b</p> <p>Related assessment: use assessed in an own CSR</p>
IW-22	<p><b>Use in water and wastewater treatment.</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC7: Use of functional fluid at industrial site</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 6: Calendering operations</b></li> <li>- <b>PROC 7: Industrial spraying</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> <li>- <b>PROC 26: Handling of solid inorganic substances at ambient temperature</b></li> </ul> <p><b>Product Category used:</b> PC 4: Anti-freeze and de-icing products ; PC 16: Heat transfer fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 36: Water softeners ; PC 37: Water treatment chemicals</p> <p><b>Sector of end use:</b> SU 23: Electricity, steam, gas water supply and sewage treatment</p> <p><b>Technical function of the substance:</b> pH regulating agent ; processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; various products (PC 4, 16, PC 20, PC 36, PC 37); electricity, steam, gas water supply and sewage treatment (SU 23); ERC 7</p>

	<p>Related assessment: use assessed in an own CSR</p>
IW-23	<p><b>Use of lubricants in high energy open processes.</b> <u>Further description of the use:</u></p> <p>In high speed machinery such as metal rolling / forming or metalworking fluids for machining and grinding, under closed and partly open conditions.</p> <p>Contributing activity/technique for the environment :  <ul style="list-style-type: none"> <li>- <b>ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article)</b></li> </ul> </p> <p>Contributing activity/technique for the workers :  <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 17: Lubrication at high energy conditions in metal working operations</b></li> </ul> </p> <p><b>Product Category used:</b> PC 24: Lubricants, greases, release products  <b>Sector of end use:</b> SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment  <b>Technical function of the substance:</b> lubricating agent  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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  Remarks:</p> <p>ES Short Title for ES communication: Use at industrial sites; lubricants, greases, release products (PC 24); general manufacturing, e.g. machinery, equipment, vehicles, other transport equipment (SU 17).</p> <p>Related assessment: use assessed in an own CSR</p>
IW-24	<p><b>Use a phosphate source</b> <u>Further description of the use:</u></p> <p>Phosphate source for feeding yeasts in food industry and as a bacterial feed in sewage treatment.</p> <p>Contributing activity/technique for the environment :  <ul style="list-style-type: none"> <li>- <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b></li> </ul> </p> <p>Contributing activity/technique for the workers :  <ul style="list-style-type: none"> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> </ul> </p> <p><b>Product Category used:</b> PC 0: Other: nutritional source  <b>Sector of end use:</b> SU 4: Manufacture of food products ; SU 23: Electricity, steam, gas water supply and sewage treatment  <b>Technical function of the substance:</b> food/feedstuff additives</p>

	<p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short title for ES communication: Use at industrial sites; other product - nutritional source (PC 0); various sectors (SU 4. SU 23); ERC 6b</p> <p>Related assessment: use assessed in an own CSR</p>
IW-25	<p><b>Use in oil and gas field drilling and production operations - industrial settings</b> <u>Further description of the use:</u></p> <p>Includes drilling fluids, well stimulation, well construction and well cleaning. Including material transfers, onsite formulation operations, shaker room activities and related maintenance.</p> <p>Contributing activity/technique for the environment : - <b>ERC4: Use of non-reactive processing aid at industrial site (no inclusion into or onto article)</b></p> <p>Contributing activity/technique for the workers : - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 4: Chemical production where opportunity for exposure arises</b> - <b>PROC 5: Mixing or blending in batch processes</b> - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b> - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b> - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b> - <b>PROC 15: Use as laboratory reagent</b></p> <p><b>Product Category used:</b> PC41: Oil and gas exploration or production products <b>Sector of end use:</b> SU 2a: Mining (without offshore industries) ; SU 2b: Offshore industries <b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Substance supplied to that use: as such Subsequent service life relevant for that use: no</p>
IW-26	<p><b>Use in oil and gas field drilling and production operations - industrial settings</b> <u>Further description of the use:</u></p> <p>Includes drilling fluids, well stimulation, well construction and well cleaning. Including material transfers, onsite formulation operations, shaker room activities and related maintenance.</p> <p>Contributing activity/technique for the environment : - <b>ERC6b: Use of reactive processing aid at industrial site (no inclusion into or onto article)</b></p> <p>Contributing activity/technique for the workers : - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b> - <b>PROC 4: Chemical production where opportunity for exposure arises</b> - <b>PROC 5: Mixing or blending in batch processes</b> - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b> - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated</b></p>

	<p><b>facilities [EU REACH]</b></p> <ul style="list-style-type: none"> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 15: Use as laboratory reagent</b></li> </ul> <p><b>Product Category used:</b> PC41: Oil and gas exploration or production products</p> <p><b>Sector of end use:</b> SU 2a: Mining (without offshore industries) ; SU 2b: Offshore industries</p> <p><b>Technical function of the substance:</b> processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Substance supplied to that use: as such</p> <p>Subsequent service life relevant for that use: no</p>
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**Table 2.5. Uses by professional workers**

Uses by professional workers	
PW-1	<p><b>Use of fertilizers containing phosphoric acid</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b></li> <li>- <b>ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 15: Use as laboratory reagent</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> </ul> <p><b>Product Category used:</b> PC 12: Fertilisers</p> <p><b>Sector of end use:</b> SU 1: Agriculture, forestry and fishing</p> <p><b>Technical function of the substance:</b> fertilisers (soil amendments)</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; fertilisers (PC 12)</p> <p>Related assessment: use assessed in an own CSR</p>
PW-2	<p><b>Use in metal and non-metal surface treatment</b></p> <p><u>Further description of the use:</u></p> <p>Phosphoric acid used in mixtures in ‘open’ professional applications for metal cleaning, polishing, rust removal, corrosion protection, finishing including use as a protective coating and oxidation inhibitor.</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article,</b></li> </ul>

	<p><b>indoor)</b>  <b>- ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b></p> <p>Contributing activity/technique for the workers :  <b>- PROC 10: Roller application or brushing</b>  <b>- PROC 11: Non industrial spraying</b>  <b>- PROC 13: Treatment of articles by dipping and pouring</b>  <b>- PROC 19: Hand-mixing with intimate contact and only PPE available.</b></p> <p><b>Product Category used:</b> PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products</p> <p><b>Sector of end use:</b> 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</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; pH regulating agent ; plating agents and metal surface treating agents ; processing aid ; Degreasing agent  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no</p> <p>Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; metal surface treatment products, including galvanic and electroplating products (PC 14); various sectors (SU 14, SU 15, SU 16, SU 17); ERC 8a, ERC 8d</p> <p>Related assessment: use assessed in an own CSR</p>
PW-3	<p><b>Use in metal and non-metal surface treatment</b>  <u>Further description of the use:</u></p> <p>Phosphoric acid used in mixtures in ‘open’ professional applications for metal cleaning, polishing, rust removal, corrosion protection, finishing including use as a protective coating and oxidation inhibitor</p> <p>Contributing activity/technique for the environment :</p> <p><b>- ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b>  <b>- ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></p> <p>Contributing activity/technique for the workers :  <b>- PROC 5: Mixing or blending in batch processes</b>  <b>- PROC 10: Roller application or brushing</b>  <b>- PROC 11: Non industrial spraying</b>  <b>- PROC 13: Treatment of articles by dipping and pouring</b>  <b>- PROC 19: Hand-mixing with intimate contact and only PPE available.</b></p> <p><b>Product Category used:</b> PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products</p> <p><b>Sector of end use:</b> 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</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; oxidising agent ; pH regulating agent ; processing aid ; Degreasing agent  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no</p>

	<p>Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; metal surface treatment products, including galvanic and electroplating products (PC 14); various sectors (SU 14, SU 15, SU 16, SU 17); ERC 8b, ERC 8e</p> <p>Related assessment: use assessed in an own CSR</p>
PW-4	<p><b>Use in metal and non-metal surface treatment.</b> <u>Further description of the use:</u></p> <p>Phosphoric acid used in mixtures in ‘open’ professional applications for metal cleaning, polishing, rust removal, corrosion protection, finishing including use as a protective coating and oxidation inhibitor</p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8c: Widespread use leading to inclusion into/onto article (indoor)</b></li> <li>- <b>ERC8f: Widespread use leading to inclusion into/onto article (outdoor)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> </ul> <p><b>Product Category used:</b> PC 14: Metal surface treatment products ; PC 15: Non-metal-surface treatment products</p> <p><b>Sector of end use:</b> 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</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; oxidising agent ; pH regulating agent ; processing aid ; Degreasing agent, electrolyte</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life: Service life of metal and non-metal articles treated with phosphoric acid, professional setting</p> <p>Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; metal surface treatment products, including galvanic and electroplating products (PC 14); various sectors (SU 14, SU 15, SU 16, SU 17); ERC 8c, ERC 8f</p> <p>Related assessment: use assessed in an own CSR</p>
PW-5	<p><b>Construction applications</b> <u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b></li> <li>- <b>ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> </ul>

	<p>- <b>PROC 21: Low energy manipulation of substances bound in materials and/or articles</b>  - <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b></p> <p><b>Product Category used:</b> PC 9a: Coatings and paints, thinners, paint removes ; PC 9b: Fillers, putties, plasters, modelling clay ; PC 15: Non-metal-surface treatment products ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents</p> <p><b>Sector of end use:</b> SU 19: Building and construction work</p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; pH regulating agent ; processing aid</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year</p> <p>Subsequent service life relevant for that use: yes</p> <p>Link to the subsequent service life: Service life of construction articles containing phosphoric acid</p> <p>Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 9a, PC 9b, PC 15, PC 20); building and construction work (SU 19)</p> <p>Related assessment: use assessed in an own CSR</p>
PW-6	<p><b>Detergent and cleaning agent</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)</b></li> <li>- <b>ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> </ul> <p><b>Product Category used:</b> PC 8: Biocidal products (e.g. disinfectants, pest control) ; PC 31: Polishes and wax blends ; PC 35: Washing and cleaning products ; PC 37: Water treatment chemicals ; PC 0: Other: UCN code A20100 Antiscaling agents</p> <p><b>Sector of end use:</b> 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,</p>

	<p>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><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; pH regulating agent ; processing aid ; Degreasing agent</p> <p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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>Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 8, PC 31, PC 35, PC 37, PC 0, other: UCN code A20100 antiscaling agents); ERC 8a, ERC 8d</p> <p>Related assessment: use assessed in an own CSR</p>
PW-7	<p><b>Detergent and cleaning agent</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b></li> <li>- <b>ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> </ul> <p><b>Product Category used:</b> PC 8: Biocidal products (e.g. disinfectants, pest control) ; PC 31: Polishes and wax blends ; PC 35: Washing and cleaning products ; PC 37: Water treatment chemicals ; PC 0: Other: UCN code A20100 Antiscaling agents</p> <p><b>Sector of end use:</b> 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><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; pH regulating agent ; processing aid ; Degreasing agent use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 8, PC 31, PC 35, PC 37, PC 0, other: UCN code A20100 antiscaling agents); ERC 8b, ERC 8e</p> <p>Related assessment: use assessed in an own CSR</p>
PW-8	<p><b>Soldering aid</b> <u>Further description of the use:</u> Contributing activity/technique for the environment : - <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b> - <b>ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b> Contributing activity/technique for the workers : - <b>PROC 25: Other hot work operations with metals</b> <b>Product Category used:</b> PC 38: Welding and soldering products, flux products <b>Sector of end use:</b> SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 16: Manufacture of computer, electronic and optical products, electrical equipment <b>Technical function of the substance:</b> processing aid ; Flux agents for soldering use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; Welding and soldering products (PC 38); ERC 8b, ERC 8e</p> <p>Related assessment: use assessed in an own CSR</p>
PW-9	<p><b>Professional use of substance as a laboratory/research chemical</b> <u>Further description of the use:</u> Contributing activity/technique for the environment : - <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b> Contributing activity/technique for the workers : - <b>PROC 15: Use as laboratory reagent</b> <b>Product Category used:</b> PC 21: Laboratory chemicals <b>Sector of end use:</b> SU 24: Scientific research and development <b>Technical function of the substance:</b> intermediate (precursor) ; laboratory chemicals use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; Laboratory chemicals (PC 21); ERC 8b</p> <p>Related assessment: use assessed in an own CSR</p>

PW-10	<p><b>Professional formulation (e.g. dilution, mixing, packing, cleaning equipment, etc)</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment :  - <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)</b>  - <b>ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b></p> <p>Contributing activity/technique for the workers :  - <b>PROC 5: Mixing or blending in batch processes</b>  - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b>  - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b>  - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b>  - <b>PROC 15: Use as laboratory reagent</b>  - <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></p> <p><b>Product Category used:</b> PC 12: Fertilisers ; PC 14: Metal surface treatment products ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 35: Washing and cleaning products ; PC 38: Welding and soldering products, flux products  <b>Sector of end use:</b> SU 1: Agriculture, forestry and fishing ; SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)  <b>Technical function of the substance:</b> laboratory chemicals, component of a mixture use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no  Remarks:   ES Short Title for ES communication: Use by professional workers; various products (PC 12, PC 14, PC 20, PC 35, PC 38); various sectors (SU 1, SU 10), ERC 8a, ERC 8d   Related assessment: use assessed in an own CSR</p>
PW-11	<p><b>Use as an additive, pigment or auxiliary in plastics, resins and paints.</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment :  - <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)</b>  - <b>ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b></p> <p>Contributing activity/technique for the workers :  - <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b>  - <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 4: Chemical production where opportunity for exposure arises</b>  - <b>PROC 5: Mixing or blending in batch processes</b>  - <b>PROC 6: Calendering operations</b>  - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b>  - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b>  - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b>  - <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></p>

	<p><b>Product Category used:</b> PC 9a: Coatings and paints, thinners, paint removes ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds ; PC 0: Other: flame retardant agent</p> <p><b>Sector of end use:</b> SU 6a: Manufacture of wood and wood products ; SU 12: Manufacture of plastics products, including compounding and conversion ; SU 0: Other: Fire service activities (NACE 84.25)</p> <p><b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 9a, PC 20, PC 32, PC 0: other: flame retardant agent); various sectors (SU 6a, SU 12, SU 0: other: fire service activities (NACE 84.25); ERC 8a, ERC 8d</p> <p>Related assessment: use assessed in an own CSR</p>
PW-12	<p><b>Use as an additive, pigment or auxiliary in plastics, resins and paints.</b> <u>Further description of the use:</u> Contributing activity/technique for the environment :  <ul style="list-style-type: none"> <li>- <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b></li> <li>- <b>ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></li> </ul> Contributing activity/technique for the workers :  <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 6: Calendering operations</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> </ul> <p><b>Product Category used:</b> PC 9a: Coatings and paints, thinners, paint removes ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds ; PC 0: Other: flame retardant agent</p> <p><b>Sector of end use:</b> SU 6a: Manufacture of wood and wood products ; SU 12: Manufacture of plastics products, including compounding and conversion ; SU 0: Other: Fire service activities (NACE 84.25)</p> <p><b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 9a, PC 20, PC 32, PC 0: other: flame retardant agent); various sectors (SU 6a, SU 12, SU 0: other: fire</p> </p>

	<p>service activities (NACE 84.25); ERC 8b, ERC 8e</p> <p>Related assessment: use assessed in an own CSR</p>
<p>PW-13</p>	<p><b>Use as an additive, pigment or auxiliary in plastics, resins and paints, resulting in incorporation in articles.</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8c: Widespread use leading to inclusion into/onto article (indoor)</b></li> <li>- <b>ERC8f: Widespread use leading to inclusion into/onto article (outdoor)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 1: Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 4: Chemical production where opportunity for exposure arises</b></li> <li>- <b>PROC 5: Mixing or blending in batch processes</b></li> <li>- <b>PROC 6: Calendering operations</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> </ul> <p><b>Product Category used:</b> PC 9a: Coatings and paints, thinners, paint removes ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 32: Polymer preparations and compounds ; PC 0: Other: flame retardant agent</p> <p><b>Sector of end use:</b> SU 6a: Manufacture of wood and wood products ; SU 12: Manufacture of plastics products, including compounding and conversion ; SU 0: Other: Fire service activities (NACE 84.25)</p> <p><b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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 plastic articles and resins containing low levels of phosphoric acid. Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 9a, PC 20, PC 32, PC 0: other: flame retardant agent); various sectors (SU 6a, SU 12, SU 0: other: fire service activities (NACE 84.25); ERC 8c, ERC 8f</p> <p>Related assessment: use assessed in an own CSR</p>
<p>PW-14</p>	<p><b>Use in water and wastewater treatment</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)</b></li> <li>- <b>ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> </ul>

	<ul style="list-style-type: none"> <li>- <b>PROC 6: Calendering operations</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> </ul> <p><b>Product Category used:</b> PC 4: Anti-freeze and de-icing products ; PC 16: Heat transfer fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 36: Water softeners ; PC 37: Water treatment chemicals</p> <p><b>Sector of end use:</b> SU 23: Electricity, steam, gas water supply and sewage treatment</p> <p><b>Technical function of the substance:</b> pH regulating agent ; processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no</p> <p>Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 4, PC 16, PC 20, PC 36, PC 37); electricity, steam, gas water supply and sewage treatment (SU 23); ERC 8a, ERC 8d</p> <p>Related assessment: use assessed in an own CSR</p>
PW-15	<p><b>Use in water and wastewater treatment</b></p> <p><u>Further description of the use:</u></p> <p>Contributing activity/technique for the environment :</p> <ul style="list-style-type: none"> <li>- <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b></li> <li>- <b>ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></li> </ul> <p>Contributing activity/technique for the workers :</p> <ul style="list-style-type: none"> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 6: Calendering operations</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> </ul> <p><b>Product Category used:</b> PC 4: Anti-freeze and de-icing products ; PC 16: Heat transfer fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 36: Water softeners ; PC 37: Water treatment chemicals</p> <p><b>Sector of end use:</b> SU 23: Electricity, steam, gas water supply and sewage treatment</p> <p><b>Technical function of the substance:</b> pH regulating agent ; processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant</p> <p>Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no</p>

	<p>Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 4, PC 16, PC 20, PC 36, PC 37); electricity, steam, gas water supply and sewage treatment (SU 23); ERC 8b, ERC 8e</p> <p>Related assessment: use assessed in an own CSR</p>
<p>PW-16</p>	<p><b>Use in water and wastewater treatment</b> <u>Further description of the use:</u> Contributing activity/technique for the environment :  <ul style="list-style-type: none"> <li>- <b>ERC9a: Widespread use of functional fluid (indoor)</b></li> <li>- <b>ERC9b: Widespread use of functional fluid (outdoor)</b></li> </ul> Contributing activity/technique for the workers :  <ul style="list-style-type: none"> <li>- <b>PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions</b></li> <li>- <b>PROC 6: Calendering operations</b></li> <li>- <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b></li> <li>- <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b></li> <li>- <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> <li>- <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b></li> </ul> <b>Product Category used:</b> PC 4: Anti-freeze and de-icing products ; PC 16: Heat transfer fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 36: Water softeners ; PC 37: Water treatment chemicals  <b>Sector of end use:</b> SU 23: Electricity, steam, gas water supply and sewage treatment  <b>Technical function of the substance:</b> pH regulating agent ; processing aid  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no  Remarks:  <p>ES Short Title for ES communication: Use by professional workers; various products (PC 4, PC 16, PC 20, PC 36, PC 37); electricity, steam, gas water supply and sewage treatment (SU 23); ERC 9a, 9b</p> <p>Related assessment: use assessed in an own CSR</p> </p>
<p>PW-17</p>	<p><b>Use as a binding agent in ceramic materials and in refractory products</b> <u>Further description of the use:</u> Contributing activity/technique for the environment :  <ul style="list-style-type: none"> <li>- <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b></li> <li>- <b>ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></li> </ul> Contributing activity/technique for the workers :  <ul style="list-style-type: none"> <li>- <b>PROC 10: Roller application or brushing</b></li> <li>- <b>PROC 11: Non industrial spraying</b></li> <li>- <b>PROC 13: Treatment of articles by dipping and pouring</b></li> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> <li>- <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b></li> </ul> <b>Product Category used:</b> PC 20: Products such as ph-regulators, flocculants, precipitants,</p>

	<p>neutralisation agents ; PC 0: Other: UCN-Code B 20300, K 35900 (other construction materials)  <b>Sector of end use:</b> SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement ; SU 19: Building and construction work  <b>Technical function of the substance:</b> processing aid  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no  Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; various products (PC 20, PC 0: other: UCN-Code B 20300, K 35900); various sectors (SU 13, SU 19); ERC 8b, ERC 8e</p> <p>Related assessment: use assessed in an own CSR</p>
PW-18	<p><b>Use in PPE cartridges</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment :  - <b>ERC8c: Widespread use leading to inclusion into/onto article (indoor)</b>  Contributing activity/technique for the workers :  - <b>PROC 3: Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment conditions</b>  - <b>PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)</b>  <b>Product Category used:</b> PC 2: Adsorbents  <b>Sector of end use:</b> SU 1: Agriculture, forestry and fishing ; SU 2a: Mining (without offshore industries) ; SU 5: Manufacture of textiles, leather, fur ; SU 8: Manufacture of bulk, large scale chemicals (including petroleum products) ; SU 9: Manufacture of fine chemicals ; SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys) ; 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 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 18: Manufacture of furniture  <b>Technical function of the substance:</b> agents adsorbing and absorbing gases or liquids ; surface active agents  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=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: Use of PPE cartridge  Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; adsorbents (PC 2); ERC 8c</p> <p>Related assessment: use assessed in an own CSR</p>
PW-19	<p><b>Professional use in orthodontic and dental products.</b>  <u>Further description of the use:</u>  Used by dentist as an etchant in dental and orthodontic products.</p> <p>Contributing activity/technique for the environment :  - <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b>  Contributing activity/technique for the workers :  - <b>PROC 19: Hand-mixing with intimate contact and only PPE available.</b>  - <b>PROC 0: Other: Other process or activity: mixing and/or application of dental orthodontic materials</b></p>

	<p><b>Product Category used:</b> PC 0: Other: Other products – medical devices  <b>Sector of end use:</b> SU 20: Health services  <b>Technical function of the substance:</b> pH regulating agent ; etchant  use registered according to REACH Article 10; total tonnage manufactured/imported  &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no  Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; other products – medical devices (PC 0), health Services (SU 20); ERC 8b</p> <p>Related assessment: use assessed in an own CSR</p>
PW-20	<p><b>Use in plant protection products (under Regulation 1107/2009)</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment :  - <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)</b>  - <b>ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b>  Contributing activity/technique for the workers :  - <b>PROC 8a: Transfer of substance or mixture (charging and discharging) at non-dedicated facilities</b>  - <b>PROC 8b: Transfer of substance or mixture (charging and discharging) at dedicated facilities [EU REACH]</b>  - <b>PROC 11: Non industrial spraying</b></p> <p><b>Product Category used:</b> PC 27: Plant protection products  <b>Sector of end use:</b> SU 1: Agriculture, forestry and fishing  <b>Technical function of the substance:</b> pH regulating agent ; Co-formulant of a Plant protection product covered under Regulation 1107/2009  use registered according to REACH Article 10; total tonnage manufactured/imported  &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no  Remarks:</p> <p>ES Short Title for ES communication: Use by professional workers; plant protection products (PC 27), Agriculture, forestry and fishing (SU 1); ERC 8a, ERC 8d</p> <p>Related assessment: use assessed in an own CSR</p>

**Table 2.6. Consumer uses**

Consumer uses	
C-1	<p><b>Consumer use of polishes and waxes</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment:  - <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)</b>  - <b>ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b>  Contributing activity/technique for consumers:  - <b>PC 31: Polishes and wax blends</b></p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; processing aid ; Degreasing agent  use registered according to REACH Article 10; total tonnage manufactured/imported</p>

	<p>&gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Consumer use; polishes and wax blends (PC 31); ERC 8a, ERC 8d</p> <p>Related assessment: use assessed in an own CSR</p>
C-2	<p><b>Consumer use of washing and cleaning products</b> <u>Further description of the use:</u> Contributing activity/technique for the environment: - <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)</b> - <b>ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b> Contributing activity/technique for consumers: - <b>PC 35: Washing and cleaning products</b> <b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; pH regulating agent ; processing aid ; Degreasing agent use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Consumer use; washing and cleaning products (including solvent based products) (PC 35); ERC 8a, ERC 8d</p> <p>Related assessment: use assessed in an own CSR</p>
C-3	<p><b>Consumer use of washing and cleaning products</b> <u>Further description of the use:</u> Contributing activity/technique for the environment: - <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b> - <b>ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b> Contributing activity/technique for consumers: - <b>PC 35: Washing and cleaning products</b> <b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents ; pH regulating agent ; processing aid ; Degreasing agent use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Subsequent service life relevant for that use: no Remarks:</p> <p>ES Short Title for ES communication: Consumer use; washing and cleaning products (including solvent based products) (PC 35); ERC 8b, ERC 8e</p> <p>Related assessment: use assessed in an own CSR</p>
C-4	<p><b>consumer use of soldering aids</b> <u>Further description of the use:</u> Contributing activity/technique for the environment: - <b>ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article,</b></p>

	<p><b>indoor)</b>  <b>- ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></p> <p>Contributing activity/technique for consumers:  <b>- PC 38: Welding and soldering products, flux products</b></p> <p><b>Technical function of the substance:</b> oxidising agent ; pH regulating agent ; metal surface treatment agent, flux agent during soldering  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no  Remarks:</p> <p>ES Short Title for ES communication: Consumer use; welding and soldering products (with flux coatings or flux cores), flux products (PC 38); ERC 8b, ERC 8e</p> <p>Related assessment: use assessed in an own CSR</p>
C-5	<p><b>Use of fertilizers containing phosphoric acid</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment:  <b>- ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b>  <b>- ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></p> <p>Contributing activity/technique for consumers:  <b>- PC 12: Fertilisers</b></p> <p><b>Technical function of the substance:</b> fertilisers (soil amendments)  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no  Remarks:</p> <p>ES Short Title for ES communication: Consumer use: fertilisers (PC 12)</p> <p>Related assessment: use assessed in an own CSR</p>
C-6	<p><b>Consumer use as a binding agent in ceramic materials and in refractory products</b>  <u>Further description of the use:</u>  Contributing activity/technique for the environment:  <b>- ERC8b: Widespread use of reactive processing aid (no inclusion into or onto article, indoor)</b>  <b>- ERC8e: Widespread use of reactive processing aid (no inclusion into or onto article, outdoor)</b></p> <p>Contributing activity/technique for consumers:  <b>- PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents</b>  <b>- PC 0: Other: UCN-Code B 20300, K 35900</b></p> <p><b>Technical function of the substance:</b> processing aid  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Subsequent service life relevant for that use: no  Remarks:</p> <p>ES Short Title for ES communication: Consumer use: various products (PC 20, PC 0: Other: UCN-Code B 20300, K 35900); ERC 8b, ERC 8e</p>

	Related assessment: use assessed in an own CSR
C-7	<p><b>Use in plant protection products (under Regulation 1107/2009)</b>  <u>Further description of the use:</u>            Contributing activity/technique for the environment:            - <b>ERC8a: Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)</b>            - <b>ERC8d: Widespread use of non-reactive processing aid (no inclusion into or onto article, outdoor)</b></p> <p>Contributing activity/technique for consumers:            - <b>PC 27: Plant protection products</b></p> <p><b>Technical function of the substance:</b> pH regulating agent ; Co-formulant of a Plant protection product covered under Regulation 1107/2009            use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant            Tonnage of substance for that use: tonnes/year            Subsequent service life relevant for that use: no            Remarks:</p> <p>ES Short Title for ES communication: Consumer use: plant protection products (PC 27), Agriculture, forestry and fishing (SU 1); ERC 8a, ERC 8d</p> <p>Related assessment: use assessed in an own CSR</p>

**Table 2.7. Article service life**

	Article service life
SL-1	<p><b>Service life of metal and non-metal articles treated with phosphoric acid</b>  <u>Further description of the use:</u>            Article used by: workers ; consumers            Substance intended to be released from article:  <b>Article category related to subsequent service life (AC):</b> AC 2: Machinery, mechanical appliances, electrical/electronic articles ; AC 7: Metal articles            Contributing activity/technique for the environment:            - <b>ERC12a: Processing of articles at industrial sites with low release</b>            - <b>ERC12b: Processing of articles at industrial sites with high release</b></p> <p>Contributing activity/technique for consumers:            - <b>AC 2: Machinery, mechanical appliances, electrical/electronic articles</b>            - <b>AC 7: Metal articles</b></p> <p>Contributing activity/technique for the workers:            - <b>PROC 21: Low energy manipulation of substances bound in materials and/or articles</b>            - <b>PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting</b>            - <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b>            - <b>PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles</b></p> <p><b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents            use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant            Tonnage of substance for that use: tonnes/year            Remarks:</p> <p>ES Short Title for ES communication: Service life (worker), various articles (AC 2, AC 7); ERC 12a, ERC 12b</p> <p><b>Exposure-related description on articles:</b> Articles with foreseeable exposure to dust and fumes</p>

	<p>during maintenance and recycling processes, e.g. abrasive surface cleaning, dismantling and milling</p> <p>Related assessment: use assessed in an own CSR</p>
SL-2	<p><b>Service life of construction articles containing phosphoric acid</b>  <u>Further description of the use:</u>  Article used by: workers ; consumers  Substance intended to be released from article:  <b>Article category related to subsequent service life (AC):</b> AC 4: Stone, plaster, cement, glass and ceramic articles  Contributing activity/technique for the environment:  <ul style="list-style-type: none"> <li>- <b>ERC10a: Widespread use of articles with low release (outdoor)</b></li> <li>- <b>ERC11a: Widespread use of articles with low release (indoor)</b></li> </ul> Contributing activity/technique for consumers:  <ul style="list-style-type: none"> <li>- <b>AC 4: Stone, plaster, cement, glass and ceramic articles</b></li> </ul> Contributing activity/technique for the workers:  <ul style="list-style-type: none"> <li>- <b>PROC 21: Low energy manipulation of substances bound in materials and/or articles</b></li> <li>- <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b></li> </ul> <b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents  use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant  Tonnage of substance for that use: tonnes/year  Remarks:   ES Short Title for ES communication: Service life (worker), stone, plaster, cement, glass and ceramic articles (AC 4); ERC 10a, ERC 11a   <b>Exposure-related description on articles:</b> Articles with foreseeable exposure to dust and fumes during maintenance and recycling processes, e.g. abrasive surface cleaning, dismantling and milling   Related assessment: use assessed in an own CSR</p>
SL-3	<p><b>Use of PPE cartridge</b>  <u>Further description of the use:</u>   Article is a short cylindrical container in which a mixture of activated carbon is contained. Phosphoric acid has been adsorbed onto the activated carbon as part of its main function to remove toxic gases.  Exposure related description of article: Articles with foreseeable exposure to dust and fumes during maintenance and recycling processes, e.g. abrasive surface cleaning, dismantling and milling   Article used by: workers ; consumers  Substance intended to be released from article:  <b>Article category related to subsequent service life (AC):</b> AC 01: Other (non intended to be released): PPE cartridge  Contributing activity/technique for the environment:  <ul style="list-style-type: none"> <li>- <b>ERC10a: Widespread use of articles with low release (outdoor)</b></li> <li>- <b>ERC11a: Widespread use of articles with low release (indoor)</b></li> </ul> Contributing activity/technique for consumers:  <ul style="list-style-type: none"> <li>- <b>AC 01: Other (non intended to be released): PPE cartridge</b></li> </ul> Contributing activity/technique for the workers:  <ul style="list-style-type: none"> <li>- <b>PROC 14: Tableting, compression, extrusion, pelletisation, granulation</b></li> </ul> <b>Technical function of the substance:</b> agents adsorbing and absorbing gases or liquids ; surface active agents</p>

	<p>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Remarks:</p> <p>ES Short Title for ES communication: Service life (worker and consumer), other (non-intended to be released): PPE Cartridge (AC 01); ERC 10a, ERC 11a</p> <p><b>Exposure-related description on articles:</b> Articles with foreseeable exposure to dust and fumes during maintenance and recycling processes, e.g. abrasive surface cleaning, dismantling and milling</p> <p>Related assessment: use assessed in an own CSR</p>
SL-4	<p><b>Service life of metal and non-metal articles treated with phosphoric acid, professional setting</b> <u>Further description of the use:</u> Article used by: workers ; consumers Substance intended to be released from article: <b>Article category related to subsequent service life (AC):</b> AC 2: Machinery, mechanical appliances, electrical/electronic articles ; AC 7: Metal articles Contributing activity/technique for the environment: - <b>ERC10a: Widespread use of articles with low release (outdoor)</b> - <b>ERC11a: Widespread use of articles with low release (indoor)</b> Contributing activity/technique for consumers: - <b>AC 2: Machinery, mechanical appliances, electrical/electronic articles</b> - <b>AC 7: Metal articles</b> Contributing activity/technique for the workers: - <b>PROC 21: Low energy manipulation of substances bound in materials and/or articles</b> - <b>PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature</b> - <b>PROC 24: High (mechanical) energy work-up of substances bound in materials and/or articles</b> <b>Technical function of the substance:</b> corrosion inhibitors and anti-scaling agents use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Remarks:</p> <p>ES Short Title for ES communication: Service life (worker), various articles (AC 2, AC 7), ERC 10a, ERC 11a</p> <p><b>Exposure-related description on articles:</b> Articles with foreseeable exposure to dust and fumes during maintenance and recycling processes, e.g. abrasive surface cleaning, dismantling and milling</p> <p>Related assessment: use assessed in an own CSR</p>
SL-5	<p><b>Service life of plastic articles and resins containing low levels of phosphoric acid.</b> <u>Further description of the use:</u> Article used by: workers ; consumers Substance intended to be released from article: <b>Article category related to subsequent service life (AC):</b> AC 13: Plastic articles Contributing activity/technique for the environment: - <b>ERC11a: Widespread use of articles with low release (indoor)</b> Contributing activity/technique for consumers: - <b>AC 13: Plastic articles</b> Contributing activity/technique for the workers: - <b>PROC 21: Low energy manipulation of substances bound in materials and/or articles</b></p>

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	<p><b>Technical function of the substance:</b> processing aid use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10tonnes/year per registrant Tonnage of substance for that use: tonnes/year Remarks:</p> <p>ES Short Title for ES communication: Service life (worker and consumer), plastic articles (AC 13); ERC 11a</p> <p>Related assessment: use assessed in an own CSR</p>
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