2.1. Manufacture

Table 2.2. Manufacture

<table>
<thead>
<tr>
<th>Manufacture</th>
</tr>
</thead>
<tbody>
<tr>
<td>M-1</td>
</tr>
<tr>
<td>Manufacture of SAPP</td>
</tr>
<tr>
<td>Manufactured composition (see section 1.x):</td>
</tr>
<tr>
<td>Further description of manufacturing process:</td>
</tr>
<tr>
<td>Contributing activity/technique for the environment :</td>
</tr>
<tr>
<td>- Manufacture of the substance (ERC1)</td>
</tr>
<tr>
<td>Contributing activity/technique for the workers :</td>
</tr>
<tr>
<td>- Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1)</td>
</tr>
<tr>
<td>- Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2)</td>
</tr>
<tr>
<td>- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3)</td>
</tr>
<tr>
<td>- Chemical production where opportunity for exposure arises (PROC 4)</td>
</tr>
<tr>
<td>- Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)</td>
</tr>
<tr>
<td>- Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9)</td>
</tr>
<tr>
<td>- Handling of solid inorganic substances at ambient temperature (PROC 26)</td>
</tr>
<tr>
<td>use registered according to REACH Article 10; total tonnage manufactured/imported ( \geq 10 ) tonnes/year per registrant</td>
</tr>
<tr>
<td>Tonnage of substance for that use: ( \leq 5000 ) tonnes/year</td>
</tr>
<tr>
<td>Related assessment: use assessed in an own CSR</td>
</tr>
</tbody>
</table>

2.2. Identified uses

Table 2.3. Formulation

<table>
<thead>
<tr>
<th>Formulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-2</td>
</tr>
<tr>
<td>Formulation of mixtures containing SAPP</td>
</tr>
<tr>
<td>Related composition (see section 1.x):</td>
</tr>
<tr>
<td>Further description of the use:</td>
</tr>
<tr>
<td>Contributing activity/technique for the environment :</td>
</tr>
<tr>
<td>- Formulation into mixture (ERC2)</td>
</tr>
</tbody>
</table>
**Contributing activity/technique for the workers:**

- Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1)
- Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2)
- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3)
- Chemical production where opportunity for exposure arises (PROC 4)
- Mixing or blending in batch processes (PROC 5)
- Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)
- Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9)
- Tabletting, compression, extrusion, pelletisation, granulation (PROC 14)
- Handling of solid inorganic substances at ambient temperature (PROC 26)
- Manual maintenance (cleaning and repair) of machinery (PROC 28)

**Product Category formulated:**

PC 9b: Fillers, putties, plasters, modelling clay ; PC 14: Metal surface treatment products, including galvanic and electroplating products ; PC 15: Non-metal-surface treatment products ; PC 16: Heat transfer fluids ; PC 17: Hydraulic fluids ; PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 21: Laboratory chemicals ; PC 23: Leather tanning, dye, finishing, impregnation and care products ; PC 24: Lubricants, greases, release products ; PC 25: Metal working fluids ; PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids ; PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids ; PC 35: Washing and cleaning products (including solvent based products) ; PC 39: Cosmetics, personal care products

**Technical function of the substance:**

no technical function

use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant

Tonnage of substance for that use: <=5000 tonnes/year

Substance supplied to that use: as such ; in a mixture

*Related assessment: use assessed in an own CSR*

**F-3**

Formulation of materials containing SAPP

Related composition (see section 1.x):
Further description of the use:
Contributing activity/technique for the environment:
- Formulation into materials (ERC3)

Contributing activity/technique for the workers:
- Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1)
- Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2)
- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3)
- Chemical production where opportunity for exposure arises (PROC 4)
- Mixing or blending in batch processes (PROC 5)
- Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)
- Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9)
- Tabletting, compression, extrusion, pelletisation, granulation (PROC 14)
- Handling of solid inorganic substances at ambient temperature (PROC 26)

Product Category formulated:
PC 9b: Fillers, putties, plasters, modelling clay; PC 14: Metal surface treatment products, including galvanic and electroplating products; PC 15: Non-metal-surface treatment products; PC 16: Heat transfer fluids; PC 17: Hydraulic fluids; PC 20: Products such as pH-regulators, flocculants, precipitants, neutralisation agents; PC 21: Laboratory chemicals; PC 23: Leather tanning, dye, finishing, impregnation and care products; PC 24: Lubricants, greases, release products; PC 25: Metal working fluids; PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids; PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids; PC 35: Washing and cleaning products (including solvent based products); PC 39: Cosmetics, personal care products

Technical function of the substance:
no technical function
use registered according to REACH Article 10; total tonnage manufactured/imported >=10 tonnes/year per registrant
Tonnage of substance for that use: <=5000 tonnes/year
Substance supplied to that use: as such; in a mixture
Related assessment: use assessed in an own CSR
| IW-1 | **Industrial use of SAPP as an intermediate**  
|      | Related composition (see section 1.x):  
|      | Further description of the use:  
|      | Contributing activity/technique for the environment:  
|      | - Use of intermediate (ERC6a)  
|      | Contributing activity/technique for the workers:  
|      | - Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1)  
|      | - Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2)  
|      | - Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3)  
|      | - Chemical production where opportunity for exposure arises (PROC 4)  
|      | - Mixing or blending in batch processes (PROC 5)  
|      | - Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)  
|      | - Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9)  
|      | - Handling of solid inorganic substances at ambient temperature (PROC 26)  
|      | Sector of end use: SU 8: Manufacture of bulk, large scale chemicals (including petroleum products); SU 9: Manufacture of fine chemicals  
|      | Technical function of the substance: intermediate (precursor)  
|      | Use registered according to REACH Article 10; total tonnage manufactured/imported >=10 tonnes/year per registrant  
|      | Tonnage of substance for that use: <=5000 tonnes/year  
|      | Substance supplied to that use: as such; in a mixture  
|      | Subsequent service life relevant for that use: no  
|      | Link to the subsequent service life:  
|      | Related assessment: use assessed in an own CSR  
| IW-2 | **Industrial use of SAPP as a processing aid**  
|      | Related composition (see section 1.x):  
|      | Further description of the use:  
|      | Contributing activity/technique for the environment:  
|      | - Use of SAPP as a processing aid (ERC6b)  

### Contributing activity/technique for the workers:
- Chemical production or refinery in closed process without likelihood of exposure or processes with equivalent containment conditions (PROC 1)
- Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions (PROC 2)
- Manufacture or formulation in the chemical industry in closed batch processes with occasional controlled exposure or processes with equivalent containment condition (PROC 3)
- Chemical production where opportunity for exposure arises (PROC 4)
- Mixing or blending in batch processes (PROC 5)
- Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)
- Handling of solid inorganic substances at ambient temperature (PROC 26)

### Product Category used:
PC 20

### Sector of end use:
SU 8: Manufacture of bulk, large scale chemicals (including petroleum products); SU 9: Manufacture of fine chemicals

### Technical function of the substance:
Processing aid

### Use registered according to REACH Article 10; total tonnage manufactured/imported >=10 tonnes/year per registrant

### Tonnage of substance for that use:
<=5000 tonnes/year

### Substance supplied to that use:
as such; in a mixture

### Subsequent service life relevant for that use:
no

### Link to the subsequent service life:
Related assessment: use assessed in an own CSR

### IW-3

**Industrial use in dyes and auxiliary chemicals for textiles, leather and paper**

### Related composition (see section 1.x):

### Further description of the use:

### Contributing activity/technique for the environment:
- Use at industrial site leading to inclusion into/onto article (ERC5)

### Contributing activity/technique for the workers:
- Mixing or blending in batch processes (PROC 5)
- Calendering operations (PROC 6)
- Industrial spraying (PROC 7)
- Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)
- Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)
- Transfer of substance or mixture into small containers (dedicated filling line, including
Product Category used: PC 20, PC 23, PC 26, PC 34
Sector of end use: SU 5: Manufacture of textiles, leather, fur; SU 6b: Manufacture of pulp, paper and paper products
Technical function of the substance: processing aid
use registered according to REACH Article 10; total tonnage manufactured/imported
>=10 tonnes/year per registrant
Tonnage of substance for that use: <=5000 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: Worker service life of paper articles; Consumer service life of paper articles; Worker service life of textile and leather articles; Consumer service life of textile and leather articles; Professional worker service life of textile and leather articles; Professional worker service life of paper articles
Related assessment: use assessed in an own CSR

IW-4

Industrial use as a binding agent and in ceramic materials and in ceramics, cement and plasters
Related composition (see section 1.x):
Further description of the use:

Contributing activity/technique for the environment:
- Use at industrial site leading to inclusion into/onto article (ERC5)

Contributing activity/technique for the workers:
- Mixing or blending in batch processes (PROC 5)
- Industrial spraying (PROC 7)
- Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)
- Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)
- Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9)
- Roller application or brushing (PROC 10)
- Treatment of articles by dipping and pouring (PROC 13)
- Tabletting, compression, extrusion, pelletisation, granulation (PROC 14)
- Manual activities involving hand contact (PROC 19)
- Manufacturing and processing of minerals and/or metals at substantially elevated
**temperature (PROC 22)**  
- Open processing and transfer operations at substantially elevated temperature (PROC 23)  
- Handling of solid inorganic substances at ambient temperature (PROC 26)

Product Category used: PC 9b

Sector of end use: SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement; SU 19: Building and construction work

Technical function of the substance: binder; processing aid

use registered according to REACH Article 10; total tonnage manufactured/imported >=10 tonnes/year per registrant

Tonnage of substance for that use: <=5000 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: Worker service life of stone, plaster, cement, glass and ceramic articles; Consumer service life of stone, plaster, cement, glass and ceramic articles; Professional worker service life of stone, plaster, cement, glass and ceramic articles

*Related assessment: use assessed in an own CSR*

**IW-5**

**Industrial use in metal and non-metal surface treatment**

Related composition (see section 1.x):

Further description of the use:

Contributing activity/technique for the environment:

- Use at industrial site leading to inclusion into/onto article (ERC5)

Contributing activity/technique for the workers:

- Chemical production where opportunity for exposure arises (PROC 4)  
- Industrial spraying (PROC 7)  
- Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)  
- Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)  
- Roller application or brushing (PROC 10)  
- Treatment of articles by dipping and pouring (PROC 13)  
- Manual activities involving hand contact (PROC 19)  
- Handling of solid inorganic substances at ambient temperature (PROC 26)

Product Category used: PC 14; PC 15

Sector of end use: SU 14: Manufacture of basic metals, including alloys; SU 15: Manufacture of fabricated metal products, except machinery and equipment; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment
**IW-6**

**Industrial use in metal-working fluids, lubricants, greases, heat transfer and hydraulic fluids**

Related composition (see section 1.x):

Further description of the use:

Contributing activity/technique for the environment:

- **Use of functional fluid at industrial site** (ERC7)

Contributing activity/technique for the workers:

- **Transfer of substance or mixture (charging and discharging) at non-dedicated facilities** (PROC 8a)
- **Transfer of substance or mixture (charging and discharging) at dedicated facilities** (PROC 8b)
- **Roller application or brushing** (PROC 10)
- **Treatment of articles by dipping and pouring** (PROC 13)
- **Lubrication at high energy conditions in metal working operations** (PROC 17)
- **Manual activities involving hand contact** (PROC 19)
- **Manufacturing and processing of minerals and/or metals at substantially elevated temperature** (PROC 22)
- **Open processing and transfer operations at substantially elevated temperature** (PROC 23)
- **High (mechanical) energy work-up of substances bound in/on materials and/or articles** (PROC 24)
- **Other hot work operations with metals** (PROC 25)

**Product Category used:** PC 16, PC 17, PC 24, PC 25

**Sector of end use:** SU 14: Manufacture of basic metals, including alloys; SU 15: Manufacture of fabricated metal products, except machinery and equipment; SU 17: General manufacturing, e.g., machinery, equipment, vehicles, other transport equipment

Technical function of the substance: lubricating agent; processing aid

use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant
Tonnage of substance for that use: <=5000 tonnes/year
Substance supplied to that use: as such ; in a mixture
Subsequent service life relevant for that use: no
Link to the subsequent service life:
*Related assessment: use assessed in an own CSR*

**IW-7**

**Dispersant in oil well drilling muds**

Related composition (see section 1.x):

Further description of the use:

Contributing activity/technique for the environment:
- Use of non-reactive processing aid at industrial site (no inclusion into or onto article) (ERC4)

Contributing activity/technique for the workers:
- Mixing or blending in batch processes (PROC 5)
- Transfer of substance or preparation (charging/dischargeing) at dedicated facilities (PROC 8b)
- Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9)
- Treatment of articles by dipping and pouring (PROC 13)
- General greasing/lubrication at high kinetic energy conditions (PROC 18)
- Handling of solid inorganic substance at ambient temperature (PROC 26)

Product Category used: PC 17, PC 20

Sector of end use: SU 2a: Mining (without offshore industries) ; SU 2b: Offshore industries

Technical function of the substance: dispersing agent ; processing aid

use registered according to REACH Article 10; total tonnage manufactured/imported

>=10tonnes/year per registrant

Tonnage of substance for that use: <=5000 tonnes/year

Substance supplied to that use: as such ; in a mixture

Subsequent service life relevant for that use: no

Link to the subsequent service life:
*Related assessment: use assessed in an own CSR*

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**Table 2.5. Uses by professional workers**

<table>
<thead>
<tr>
<th>Uses by professional workers</th>
</tr>
</thead>
</table>

**PW-1**

**Professional use as a laboratory reagent**

Related composition (see section 1.x):

Further description of the use:

Contributing activity/technique for the environment:
- Widespread use as a reactive processing aid (no inclusion into or onto article, indoor) (ERC8b)
  Contributing activity/technique for the workers:
  - Use as a laboratory reagent (PROC 15)
Product Category used: PC 21: Laboratory chemicals
Sector of end use: SU 24: Scientific research and development
Technical function of the substance: intermediate (precursor)
use registered according to REACH Article 10; total tonnage manufactured/imported
>=10tonnes/year per registrant
Tonnage of substance for that use: <=5000 tonnes/year
Subsequent service life relevant for that use: no
Link to the subsequent service life:
  Related assessment: use assessed in an own CSR

---

### PW-2

**Professional use in dyes and auxiliary chemicals for textiles, leather and paper**

Related composition (see section 1.x):

Further description of the use:

Contributing activity/technique for the environment:
  - Widespread use leading to inclusion into/onto article (ERC8c ; ERC8f)
Contributing activity/technique for the workers:
  - Mixing or blending in batch processes (PROC 5)
  - Calendering operations (PROC 6)
  - Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)
  - Roller application or brushing (PROC 10)
  - Non industrial spraying (PROC 11)
  - Treatment of articles by dipping and pouring (PROC 13)
  - Manual activities involving hand contact (PROC 19)
Product Category used: PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents ; PC 23: Leather tanning, dye, finishing, impregnation and care products ; PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids ; PC 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids
Sector of end use: SU 5: Manufacture of textiles, leather, fur ; SU 6b: Manufacture of pulp, paper and paper products
Technical function of the substance: processing aid
use registered according to REACH Article 10; total tonnage manufactured/imported
>=10tonnes/year per registrant
Tonnage of substance for that use: <=5000 tonnes/year
<table>
<thead>
<tr>
<th>PW-3</th>
<th>Professional use as a binding agent in ceramic materials and in ceramics, cement and plasters</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Related composition (see section 1.x):</td>
</tr>
<tr>
<td></td>
<td>Further description of the use:</td>
</tr>
<tr>
<td></td>
<td>Contributing activity/technique for the environment:</td>
</tr>
<tr>
<td></td>
<td>- Widespread use leading to inclusion into/onto article (ERC8c ; ERC8f)</td>
</tr>
<tr>
<td></td>
<td>Contributing activity/technique for the workers:</td>
</tr>
<tr>
<td></td>
<td>- Mixing or blending in batch processes (PROC 5)</td>
</tr>
<tr>
<td></td>
<td>- Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)</td>
</tr>
<tr>
<td></td>
<td>- Transfer of substance or mixture into small containers (dedicated filling line, including weighing) (PROC 9)</td>
</tr>
<tr>
<td></td>
<td>- Roller application or brushing (PROC 10)</td>
</tr>
<tr>
<td></td>
<td>- Non industrial spraying (PROC 11)</td>
</tr>
<tr>
<td></td>
<td>- Treatment of articles by dipping and pouring (PROC 13)</td>
</tr>
<tr>
<td></td>
<td>- Tabletting, compression, extrusion, pelletisation, granulation (PROC 14)</td>
</tr>
<tr>
<td></td>
<td>- Manual activities involving hand contact (PROC 19)</td>
</tr>
<tr>
<td></td>
<td>- Manufacturing and processing of minerals and/or metals at substantially elevated temperature (PROC 22)</td>
</tr>
<tr>
<td></td>
<td>- Open processing and transfer operations at substantially elevated temperature (PROC 23)</td>
</tr>
<tr>
<td></td>
<td>- Handling of solid inorganic substances at ambient temperature (PROC 26)</td>
</tr>
<tr>
<td></td>
<td>Product Category used: PC 9b: Fillers, putties, plasters, modelling clay</td>
</tr>
<tr>
<td></td>
<td>Sector of end use: SU 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement ; SU 19: Building and construction work</td>
</tr>
<tr>
<td></td>
<td>Technical function of the substance: binder ; processing aid</td>
</tr>
<tr>
<td></td>
<td>use registered according to REACH Article 10; total tonnage manufactured/imported</td>
</tr>
<tr>
<td></td>
<td>&gt;=10tonnes/year per registrant</td>
</tr>
<tr>
<td></td>
<td>Tonnage of substance for that use: &lt;=5000 tonnes/year</td>
</tr>
<tr>
<td></td>
<td>Subsequent service life relevant for that use: yes</td>
</tr>
<tr>
<td></td>
<td>Link to the subsequent service life: Worker service life of stone, plaster, cement, glass and ceramic articles ; Consumer service life of stone, plaster, cement, glass and ceramic articles ; Professional worker service life of stone, plaster, cement, glass and ceramic</td>
</tr>
</tbody>
</table>
### PW-4
**Professional use in metal and non-metal surface treatment**

Related composition (see section 1.x):

Further description of the use:

Contributing activity/technique for the environment:
- Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) (ERC8a)

Contributing activity/technique for the workers:
- Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)
- Roller application or brushing (PROC 10)
- Non industrial spraying (PROC 11)
- Treatment of articles by dipping and pouring (PROC 13)
- Manual activities involving hand contact (PROC 19)
- Handling of solid inorganic substances at ambient temperature (PROC 26)

Product Category used: PC 14: Metal surface treatment products, including galvanic and electroplating products ; PC 15: Non-metal-surface treatment products

Sector of end use: SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

Technical function of the substance: antiscaling agent ; corrosion inhibitor ; finishing agents

Use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant

Tonnage of substance for that use: <=5000 tonnes/year

Subsequent service life relevant for that use: no

Link to the subsequent service life:

Related assessment: use assessed in an own CSR

### PW-5
**Professional use in metal-working fluids, lubricants, greases, heat transfer and hydraulic fluids**

Related composition (see section 1.x):

Further description of the use:

Contributing activity/technique for the environment:
- Widespread use of non-reactive processing aid (no inclusion into or onto article) (ERC8a ; ERC8d)

Contributing activity/technique for the workers:
- Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)
- Roller application or brushing (PROC 10)
- Treatment of articles by dipping and pouring (PROC 13)
- Lubrication at high energy conditions in metal working operations (PROC 17)
- Manual activities involving hand contact (PROC 19)
- Manufacturing and processing of minerals and/or metals at substantially elevated temperature (PROC 22)
- Open processing and transfer operations at substantially elevated temperature (PROC 23)
- High (mechanical) energy work-up of substances bound in/on materials and/or articles (PROC 24)
- Other hot work operations with metals (PROC 25)

Product Category used: PC 16: Heat transfer fluids ; PC 17: Hydraulic fluids ; PC 24: Lubricants, greases, release products ; PC 25: Metal working fluids

Sector of end use: SU 14: Manufacture of basic metals, including alloys ; SU 15: Manufacture of fabricated metal products, except machinery and equipment ; SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

Technical function of the substance: lubricating agent ; processing aid

use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant

Tonnage of substance for that use: <=5000 tonnes/year

Subsequent service life relevant for that use: no

Link to the subsequent service life: Related assessment: use assessed in an own CSR

<table>
<thead>
<tr>
<th>PW-6</th>
<th>Professional use in washing and cleaning products</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Related composition (see section 1.x):</td>
</tr>
<tr>
<td></td>
<td>Further description of the use:</td>
</tr>
<tr>
<td></td>
<td>Contributing activity/technique for the environment:</td>
</tr>
<tr>
<td></td>
<td>- Widespread use of non-reactive processing aid (no inclusion into or onto article) (ERC8a ; ERC8d)</td>
</tr>
<tr>
<td></td>
<td>Contributing activity/technique for the workers:</td>
</tr>
<tr>
<td></td>
<td>- Mixing or blending in batch processes (PROC 5)</td>
</tr>
<tr>
<td></td>
<td>- Transfer of substance or mixture (charging and discharging) at non-dedicated facilities (PROC 8a)</td>
</tr>
<tr>
<td></td>
<td>- Transfer of substance or mixture (charging and discharging) at dedicated facilities (PROC 8b)</td>
</tr>
<tr>
<td></td>
<td>- Transfer of substance or mixture into small containers (dedicated filling line, including</td>
</tr>
</tbody>
</table>
weighing) (PROC 9)
- Roller application or brushing (PROC 10)
- Treatment of articles by dipping and pouring (PROC 13)
- Manual activities involving hand contact (PROC 19)

Product Category used: PC 35: Washing and cleaning products (including solvent based products)
Sector of end use: SU 0: Other: Washing and cleaning services
Technical function of the substance: antiredeposition agent; cleaning agent; dispersing agent
use registered according to REACH Article 10; total tonnage manufactured/imported >=10 tonnes/year per registrant
Tonnage of substance for that use: <=5000 tonnes/year
Subsequent service life relevant for that use: no
Link to the subsequent service life: Related assessment: use assessed in an own CSR

Table 2.6. Consumer uses

<table>
<thead>
<tr>
<th>Consumer uses</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-1</td>
</tr>
<tr>
<td><strong>Consumer use as a binding agent in ceramic materials and in ceramics, cement and plasters</strong></td>
</tr>
<tr>
<td>Related composition (see section 1.x):</td>
</tr>
<tr>
<td>Further description of the use:</td>
</tr>
<tr>
<td>Contributing activity/technique for the environment:</td>
</tr>
<tr>
<td>- <strong>Widespread use leading to inclusion into/onto article (ERC8c ; ERC8f)</strong></td>
</tr>
<tr>
<td>Contributing activity/technique for consumers:</td>
</tr>
<tr>
<td>- <strong>Fillers, putties, plasters, modelling clay - Product category (PC): PC 9b</strong></td>
</tr>
<tr>
<td>Technical function of the substance: binder; processing aid</td>
</tr>
<tr>
<td>use registered according to REACH Article 10; total tonnage manufactured/imported &gt;=10 tonnes/year per registrant</td>
</tr>
<tr>
<td>Tonnage of substance for that use: &lt;=5000 tonnes/year</td>
</tr>
<tr>
<td>Subsequent service life relevant for that use: yes</td>
</tr>
<tr>
<td>Link to the subsequent service life: Consumer service life of stone, plaster, cement, glass and ceramic articles</td>
</tr>
<tr>
<td>Related assessment: use assessed in an own CSR</td>
</tr>
</tbody>
</table>

| C-2            |
| **Consumer use of dentrifice and oral care products** |
| Related composition (see section 1.x): |
| Further description of the use: |
Contributing activity/technique for the environment:
- Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor) (ERC8a)

Contributing activity/technique for consumers:
- Cosmetics, personal care products - Product category (PC): PC 39

Technical function of the substance: processing aid
use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant
Tonnage of substance for that use: <=5000 tonnes/year
Subsequent service life relevant for that use: no
Link to the subsequent service life:
*Related assessment: use assessed in an own CSR*

### Table 2.7. Article service life

<table>
<thead>
<tr>
<th>SL</th>
<th>Article service life</th>
<th>Related composition (see section 1.x):</th>
<th>Further description of the use:</th>
<th>Article used by:</th>
<th>Substance intended to be released from article: no</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL-1</td>
<td>Worker service life of textile and leather articles</td>
<td>Related composition (see section 1.x):</td>
<td>Further description of the use:</td>
<td>Article used by: workers</td>
<td>Substance intended to be released from article: no</td>
</tr>
<tr>
<td></td>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Related composition (see section 1.x):</td>
<td>Further description of the use:</td>
<td>Article used by: workers</td>
<td></td>
</tr>
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</tr>
<tr>
<td>SL-2</td>
<td>Worker service life of paper articles</td>
<td>Related composition (see section 1.x):</td>
<td>Further description of the use:</td>
<td>Article used by: workers</td>
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</tr>
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<td></td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

---

*Related assessment: use assessed in an own CSR*
Substance intended to be released from article: no

**Article category related to subsequent service life (AC):** AC 8: Paper articles

**Contributing activity/technique for the environment:**
- Processing of articles at industrial sites with low release (ERC12a)

**Contributing activity/technique for consumers:**

**Contributing activity/technique for the workers:**
- Low energy manipulation and handling of substances bound in/on materials or articles (PROC 21)

**Technical function of the substance:** no technical function

use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant

Tonnage of substance for that use: <=5000 tonnes/year

*Related assessment: use assessed in an own CSR*

---

**Professional worker service life of textile and leather articles**

**Related composition (see section 1.x):**

**Further description of the use:**

**Article used by:** workers

Substance intended to be released from article: no

**Article category related to subsequent service life (AC):** AC 5: Fabrics, textiles and apparel ; AC 6: Leather articles

**Contributing activity/technique for the environment:**
- Widespread use of articles with low release (ERC10a ; ERC11a)

**Contributing activity/technique for consumers:**

**Contributing activity/technique for the workers:**
- Low energy manipulation and handling of substance bound in/on materials or articles (PROC 21)

**Technical function of the substance:** no technical function

use registered according to REACH Article 10; total tonnage manufactured/imported >=10tonnes/year per registrant

Tonnage of substance for that use: <=5000 tonnes/year

*Related assessment: use assessed in an own CSR*

---

**Professional worker service life of paper articles**

**Related composition (see section 1.x):**

**Further description of the use:**

**Article used by:** workers

Substance intended to be released from article: no

**Article category related to subsequent service life (AC):** AC 8: Paper articles
<table>
<thead>
<tr>
<th><strong>Contributing activity/technique for the environment:</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Widespread use of articles with low release (ERC10a; ERC11a)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Contributing activity/technique for consumers:</strong></th>
<th></th>
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</table>

<table>
<thead>
<tr>
<th><strong>Contributing activity/technique for the workers:</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Low energy manipulation and handling of substance bound in/on materials or articles (PROC 21)</td>
<td></td>
</tr>
</tbody>
</table>

**Technical function of the substance: no technical function**  
use registered according to REACH Article 10; total tonnage manufactured/imported  
>=10 tonnes/year per registrant  
Tonnage of substance for that use: <=5000 tonnes/year  
*Related assessment: use assessed in an own CSR*

---

### SL-5

**Consumer service life of textile and leather articles**  
Related composition (see section 1.x):  
Further description of the use:  
Article used by: consumers  
Substance intended to be released from article: no  
**Article category related to subsequent service life (AC):**  
Contributing activity/technique for the environment:  
- Widespread use of articles with low release (ERC10a; ERC11a)  
Contributing activity/technique for consumers:  
- Textile articles - Article Category (AC): AC 5  
- Leather articles - Article Category (AC): AC 6  
Contributing activity/technique for the workers:  
Technical function of the substance: no technical function  
use registered according to REACH Article 10; total tonnage manufactured/imported  
>=10 tonnes/year per registrant  
Tonnage of substance for that use: <=5000 tonnes/year  
*Related assessment: use assessed in an own CSR*

---

### SL-6

**Consumer service life of paper articles**  
Related composition (see section 1.x):  
Further description of the use:  
Article used by: consumers  
Substance intended to be released from article: no  
**Article category related to subsequent service life (AC):**  
Contributing activity/technique for the environment:  
- Widespread use of articles with low release (ERC10a; ERC11a)  
Contributing activity/technique for consumers:  
-  

<table>
<thead>
<tr>
<th>SL-7</th>
<th>Worker service life of stone, plaster, cement, glass and ceramic articles</th>
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<tbody>
<tr>
<td></td>
<td>Related composition (see section 1.x):</td>
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<tr>
<td></td>
<td>Further description of the use:</td>
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<tr>
<td></td>
<td>Article used by: workers</td>
</tr>
<tr>
<td></td>
<td>Substance intended to be released from article: no</td>
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<tr>
<td></td>
<td>Article category related to subsequent service life (AC): AC 4: Stone, plaster, cement, glass and ceramic articles</td>
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<tr>
<td></td>
<td>Contributing activity/technique for the environment:</td>
</tr>
<tr>
<td></td>
<td>- Processing of articles at industrial sites with low release (ERC12a)</td>
</tr>
<tr>
<td></td>
<td>Contributing activity/technique for consumers:</td>
</tr>
<tr>
<td></td>
<td>Contributing activity/technique for the workers:</td>
</tr>
<tr>
<td></td>
<td>- Low energy manipulation and handling of substances bound in/on materials or articles (PROC 21)</td>
</tr>
<tr>
<td></td>
<td>Technical function of the substance: no technical function</td>
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<td>use registered according to REACH Article 10; total tonnage manufactured/imported [&gt;=10]tonnes/year per registrant</td>
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<td>Tonnage of substance for that use: &lt;=5000 tonnes/year</td>
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<table>
<thead>
<tr>
<th>SL-8</th>
<th>Professional worker service life of stone, plaster, cement, glass and ceramic articles</th>
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<td>Related composition (see section 1.x):</td>
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<td>Further description of the use:</td>
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<td>Article used by: workers</td>
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<td>Substance intended to be released from article: no</td>
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<td>Article category related to subsequent service life (AC): AC 4: Stone, plaster, cement, glass and ceramic articles</td>
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<td>Contributing activity/technique for the environment:</td>
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<td>- Widespread use of articles with low release (ERC10a ; ERC11a)</td>
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<td></td>
<td>Contributing activity/technique for consumers:</td>
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<td>Contributing activity/technique for the workers:</td>
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<tr>
<td></td>
<td>- Low energy manipulation and handling of substances bound in/on materials or</td>
</tr>
<tr>
<td>SL-9</td>
<td><strong>Consumer service life of stone, plaster, cement, glass and ceramic articles</strong></td>
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<td></td>
<td>Related composition (see section 1.x):</td>
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<td>Further description of the use:</td>
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<td>Article used by: consumers</td>
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<tr>
<td></td>
<td>Substance intended to be released from article: no</td>
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<tr>
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<td><strong>Article category related to subsequent service life (AC):</strong></td>
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<td></td>
<td>Contributing activity/technique for the environment:</td>
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<tr>
<td></td>
<td>- <strong>Widespread use of articles with low release</strong> (ERC10a ; ERC11a)</td>
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<tr>
<td></td>
<td>Contributing activity/technique for consumers:</td>
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<tr>
<td></td>
<td>- <strong>Stone, plaster, cement, glass and ceramic articles</strong> - Article Category (AC): AC 4</td>
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<td>Contributing activity/technique for the workers:</td>
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<td>Technical function of the substance: no technical function</td>
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<td>Tonnage of substance for that use: &lt;=5000 tonnes/year</td>
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<tr>
<td></td>
<td><strong>Related assessment: use assessed in an own CSR</strong></td>
</tr>
</tbody>
</table>

| articles (PROC 21) | Technical function of the substance: no technical function                   |
|                   | use registered according to REACH Article 10; total tonnage manufactured/imported |
|                   | >=10 tonnes/year per registrant                                              |
|                   | Tonnage of substance for that use: <=5000 tonnes/year                        |
|                   | **Related assessment: use assessed in an own CSR**                            |