

Identified uses of Zinc sulphate

(included in registration documentation)

Information on uses

Uses by workers in industrial settings

Zinc Sulphate production -Wet

Process category PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting

PROC 26: Handling of solid inorganic substances at ambient temperature

Environmental release category ERC 1: Manufacture of substances

Substance supplied to that use in form of As such

Market sector by type of chemical product PC 19: Intermediate

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

Sector of end use SU 9: Manufacture of fine chemicals

SU 8: Manufacture of bulk, large scale chemicals (including petroleum products)

Subsequent service life relevant for that use? yes

Component for production of inorganic zinc compounds

Process category PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 15: Use as laboratory reagent

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates)

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 19: Intermediate

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

Sector of end use 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)

Subsequent service life relevant for that use? yes

Electrogalvanizing

Process category PROC 21: Low energy manipulation of substances bound in materials and/or articles

PROC 13: Treatment of articles by dipping and pouring

Environmental release category ERC 2: Formulation of preparations

ERC 5: Industrial use resulting in inclusion into or onto a matrix

Substance supplied to that use in form of As such

Market sector by type of chemical product PC 7: Base metals and alloys

PC 14: Metal surface treatment products, including galvanic and electroplating products

Sector of end use SU 15: Manufacture of fabricated metal products, except machinery and equipment

SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

SU 0: Other:

Nace C25.6.1: Treatment and coating of metals

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 2: Machinery, mechanical appliances, electrical/electronic articles

AC 7: Metal articles

Electroplating

Process category PROC 3: Use in closed batch process (synthesis or formulation)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 21: Low energy manipulation of substances bound in materials and/or articles

Environmental release category ERC 2: Formulation of preparations

ERC 5: Industrial use resulting in inclusion into or onto a matrix

Substance supplied to that use in form of As such

Market sector by type of chemical product PC 7: Base metals and alloys

PC 14: Metal surface treatment products, including galvanic and electroplating products

Sector of end use SU 15: Manufacture of fabricated metal products, except machinery and equipment

SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

SU 0: Other:

Nace C25.6.1: Treatment and coating of metals

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 2: Machinery, mechanical appliances, electrical/electronic articles

AC 5: Fabrics, textiles and apparel

Zinc production by electrowinning

Process category PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting

PROC 26: Handling of solid inorganic substances at ambient temperature

Environmental release category ERC 1: Manufacture of substances

Substance supplied to that use in form of As such

Market sector by type of chemical product PC 7: Base metals and alloys

Sector of end use SU 14: Manufacture of basic metals, including alloys

SU 0: Other:

Nace C24.4.3: Lead, zinc and tin production , E38.3: Materials recovery

Subsequent service life relevant for that use? yes

Laboratory reagent

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 15: Use as laboratory reagent

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles

ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates)

ERC 6b: Industrial use of reactive processing aids

ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

Substance supplied to that use in form of As such

Market sector by type of chemical product PC 19: Intermediate

PC 21: Laboratory chemicals

PC 28: Perfumes, fragrances

PC 39: Cosmetics, personal care products

Sector of end use SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU 24: Scientific research and development

Subsequent service life relevant for that use? yes

Ore dressing (mining metallurgy)

Process category PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 26: Handling of solid inorganic substances at ambient temperature

Environmental release category ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 2: Adsorbents

PC 15: Non-metal-surface treatment products

PC 19: Intermediate

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

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

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU 0: Other:

Nace 7.2.9: Mining of other non-ferrous metal ores

Subsequent service life relevant for that use? yes

Zinc production by pyrometallurgy

Process category PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 23: Open processing and transfer operations with minerals/metals at elevated temperature

PROC 26: Handling of solid inorganic substances at ambient temperature

Environmental release category ERC 1: Manufacture of substances

Substance supplied to that use in form of As such

Market sector by type of chemical product PC 7: Base metals and alloys

Sector of end use SU 14: Manufacture of basic metals, including alloys

SU 0: Other:

Nace C24.4.3: Lead, zinc and tin production , E38.3: Materials recovery

Subsequent service life relevant for that use? yes

Component for production of organic zinc compounds

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 15: Use as laboratory reagent

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates)

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 19: Intermediate

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

PC 24: Lubricants, greases, release products

PC 29: Pharmaceuticals

PC 39: Cosmetics, personal care products

Sector of end use 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)

Subsequent service life relevant for that use? yes

Component for production of Inorganic pigments, i.e. Lithopones

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

ERC 5: Industrial use resulting in inclusion into or onto a matrix

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 9b: Fillers, putties, plasters, modelling clay

PC 9a: Coatings and paints, thinners, paint removes

PC 9c: Finger paints

Sector of end use 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 13: Manufacture of other non-metallic mineral products, e.g. plasters, cement

Subsequent service life relevant for that use? yes

Component for production of Coatings / paints, inks, enamels, varnishes

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

ERC 3: Formulation in materials

ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles

ERC 5: Industrial use resulting in inclusion into or onto a matrix

ERC 7: Industrial use of substances in closed systems

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 1: Adhesives, sealants

PC 9a: Coatings and paints, thinners, paint removes

PC 9b: Fillers, putties, plasters, modelling clay

PC 9c: Finger paints

PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 15: Non-metal-surface treatment products

PC 18: Ink and toners

PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids

PC 32: Polymer preparations and compounds

Sector of end use SU 4: Manufacture of food products

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 14: Manufacture of basic metals, including alloys

Subsequent service life relevant for that use? yes

Component for production of surface treatment preparations

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation

PROC 15: Use as laboratory reagent

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

ERC 3: Formulation in materials

ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles

ERC 5: Industrial use resulting in inclusion into or onto a matrix

ERC 7: Industrial use of substances in closed systems

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 1: Adhesives, sealants

PC 9a: Coatings and paints, thinners, paint removes

PC 9b: Fillers, putties, plasters, modelling clay

PC 9c: Finger paints

PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 15: Non-metal-surface treatment products

PC 18: Ink and toners

PC 26: Paper and board dye, finishing and impregnation products: including bleaches and other processing aids

PC 32: Polymer preparations and compounds

Sector of end use SU 4: Manufacture of food products

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 14: Manufacture of basic metals, including alloys

Subsequent service life relevant for that use? yes

Component for Paper coating

Process category PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 6: Calendering operations

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

Environmental release category ERC 2: Formulation of preparations

ERC 6b: Industrial use of reactive processing aids

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 9a: Coatings and paints, thinners, paint removes

PC 15: Non-metal-surface treatment products

PC 18: Ink and toners

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 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids

PC 35: Washing and cleaning products (including solvent based products)

Sector of end use 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 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Component for Textile & leather coating / treatment

Process category PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 6: Calendering operations

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

Environmental release category ERC 2: Formulation of preparations

ERC 6b: Industrial use of reactive processing aids

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 9a: Coatings and paints, thinners, paint removes

PC 15: Non-metal-surface treatment products

PC 19: Intermediate

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 34: Textile dyes, finishing and impregnating products; including bleaches and other processing aids

PC 35: Washing and cleaning products (including solvent based products)

Sector of end use 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)

Subsequent service life relevant for that use? yes

Additive for the production of Lubricants / Grease / Metal working fluids

Process category PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 13: Treatment of articles by dipping and pouring

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

ERC 3: Formulation in materials

ERC 5: Industrial use resulting in inclusion into or onto a matrix

ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates)

ERC 6d: Industrial use of process regulators for polymerisation processes in production of resins, rubbers, polymers

ERC 8b: Wide dispersive indoor use of reactive substances in open systems

ERC 9a: Wide dispersive indoor use of substances in closed systems

ERC 9b: Wide dispersive outdoor use of substances in closed systems

ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 24: Lubricants, greases, release products

PC 25: Metal working fluids

PC 32: Polymer preparations and compounds

Sector of end use SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU 18: Manufacture of furniture

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 1: Vehicles

AC 2: Machinery, mechanical appliances, electrical/electronic articles

AC 7: Metal articles

Use of ZnSO₄-containing catalysts

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation

Environmental release category ERC 1: Manufacture of substances

ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles

ERC 5: Industrial use resulting in inclusion into or onto a matrix

ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates)

ERC 6b: Industrial use of reactive processing aids

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 2: Adsorbents

PC 9b: Fillers, putties, plasters, modelling clay

PC 19: Intermediate

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 40: Extraction agents

Sector of end use 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)

Subsequent service life relevant for that use? yes

Additive for the formulation of animal feedstuffs

Process category PROC 3: Use in closed batch process (synthesis or formulation)

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

Environmental release category ERC 2: Formulation of preparations

ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 29: Pharmaceuticals

Sector of end use SU 4: Manufacture of food products

Subsequent service life relevant for that use? yes

Additive for the formulation of biocidal products

Process category PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

Environmental release category ERC 2: Formulation of preparations

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 8: Biocidal products (e.g. disinfectants, pest control)

PC 37: Water treatment chemicals

Sector of end use SU 9: Manufacture of fine chemicals

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Additive for the formulation of cleaning products

Process category PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

Environmental release category ERC 2: Formulation of preparations

ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8b: Wide dispersive indoor use of reactive substances in open systems

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 8: Biocidal products (e.g. disinfectants, pest control)

PC 35: Washing and cleaning products (including solvent based products)

PC 37: Water treatment chemicals

Sector of end use SU 9: Manufacture of fine chemicals

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Additive for the formulation of fertilizers

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

Environmental release category ERC 2: Formulation of preparations

ERC 3: Formulation in materials

ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release

ERC 10b: Wide dispersive outdoor use of long-life articles and materials with high or intended release (including

abrasive processing)

ERC 5: Industrial use resulting in inclusion into or onto a matrix

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 9b: Fillers, putties, plasters, modelling clay

PC 12: Fertilisers

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

Sector of end use SU 1: Agriculture, forestry and fishing

SU 8: Manufacture of bulk, large scale chemicals (including petroleum products)

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Additive in the formulation of cosmetics

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation

PROC 15: Use as laboratory reagent

Environmental release category ERC 2: Formulation of preparations

ERC 5: Industrial use resulting in inclusion into or onto a matrix

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 28: Perfumes, fragrances

PC 35: Washing and cleaning products (including solvent based products)

PC 39: Cosmetics, personal care products

Sector of end use SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Additive in the formulation of pharma / veterinary products

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or

significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation

PROC 15: Use as laboratory reagent

Environmental release category ERC 2: Formulation of preparations

ERC 5: Industrial use resulting in inclusion into or onto a matrix

ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

PC 29: Pharmaceuticals

Sector of end use SU 9: Manufacture of fine chemicals

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU 20: Health services

Subsequent service life relevant for that use? yes

Use of ZnSO₄-containing paper coatings

Process category PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 6: Calendering operations

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 13: Treatment of articles by dipping and pouring

PROC 19: Hand-mixing with intimate contact and only PPE available.

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release

ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 1: Adhesives, sealants

PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 15: Non-metal-surface treatment products

PC 18: Ink and toners

PC 9a: Coatings and paints, thinners, paint removes

PC 9b: Fillers, putties, plasters, modelling clay

PC 9c: Finger paints

Sector of end use SU 6b: Manufacture of pulp, paper and paper products

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 0: Other:

coatings for art and creative items

Use of ZnSO₄-containing textile & leather coatings

Process category PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 6: Calendering operations

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 13: Treatment of articles by dipping and pouring

PROC 19: Hand-mixing with intimate contact and only PPE available.

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release

ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 1: Adhesives, sealants

PC 9a: Coatings and paints, thinners, paint removes

PC 9b: Fillers, putties, plasters, modelling clay

PC 9c: Finger paints

PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 15: Non-metal-surface treatment products

PC 18: Ink and toners

Sector of end use SU 5: Manufacture of textiles, leather, fur

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 0: Other:

coatings for art and creative items

Formulation by Dry mixture

Process category PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 1: Use in closed process, no likelihood of exposure

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation

PROC 15: Use as laboratory reagent

PROC 22: Potentially closed processing operations with minerals/metals at elevated temperature. Industrial setting

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 12: Fertilisers

PC 8: Biocidal products (e.g. disinfectants, pest control)

PC 27: Plant protection products

Sector of end use SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Hand mixing of dry formulation

Process category PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation

PROC 15: Use as laboratory reagent

PROC 19: Hand-mixing with intimate contact and only PPE available.

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 12: Fertilisers

PC 8: Biocidal products (e.g. disinfectants, pest control)

PC 27: Plant protection products

Sector of end use SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Formulation of water-based inorganic preparation

Process category PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 13: Treatment of articles by dipping and pouring

PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation

PROC 19: Hand-mixing with intimate contact and only PPE available.

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 12: Fertilisers

PC 27: Plant protection products

PC 8: Biocidal products (e.g. disinfectants, pest control)

Sector of end use SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Additive for the fomulation animal feedstuff

Process category PROC 3: Use in closed batch process (synthesis or formulation)

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

Environmental release category ERC 2: Formulation of preparations

ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 29: Pharmaceuticals

Sector of end use SU 4: Manufacture of food products

Subsequent service life relevant for that use? yes

Additive for formulation fertilizer

Process category PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

Environmental release category ERC 2: Formulation of preparations

ERC 3: Formulation in materials

ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release

ERC 10b: Wide dispersive outdoor use of long-life articles and materials with high or intended release (including abrasive processing)

Substance supplied to that use in form of As such

In a mixture

Market sector by type of chemical product PC 9b: Fillers, putties, plasters, modelling clay

PC 12: Fertilisers

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 27: Plant protection products

Sector of end use SU 1: Agriculture, forestry and fishing

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Uses by professional workers

Laboratory reagent

Process category PROC 1: Use in closed process, no likelihood of exposure

PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 3: Use in closed batch process (synthesis or formulation)

PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 15: Use as laboratory reagent

Environmental release category ERC 1: Manufacture of substances

ERC 2: Formulation of preparations

ERC 4: Industrial use of processing aids in processes and products, not becoming part of articles

ERC 6a: Industrial use resulting in manufacture of another substance (use of intermediates)

ERC 6b: Industrial use of reactive processing aids

ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

Substance supplied to that use in form of As such

Market sector by type of chemical product PC 19: Intermediate

PC 21: Laboratory chemicals

PC 28: Perfumes, fragrances

PC 39: Cosmetics, personal care products

Sector of end use SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU 24: Scientific research and development

Subsequent service life relevant for that use? yes

Use of ZnSO₄-containing paper coatings

Process category PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 6: Calendering operations

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 13: Treatment of articles by dipping and pouring

PROC 19: Hand-mixing with intimate contact and only PPE available.

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release

ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 1: Adhesives, sealants

PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 15: Non-metal-surface treatment products

PC 18: Ink and toners

PC 9a: Coatings and paints, thinners, paint removes

PC 9b: Fillers, putties, plasters, modelling clay

PC 9c: Finger paints

Sector of end use SU 6b: Manufacture of pulp, paper and paper products

SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 0: Other:

coatings for art and creative items

Use of ZnSO₄-containing textile & leather coatings

Process category PROC 4: Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5: Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 6: Calendering operations

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 13: Treatment of articles by dipping and pouring

PROC 19: Hand-mixing with intimate contact and only PPE available.

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

ERC 10a: Wide dispersive outdoor use of long-life articles and materials with low release

ERC 11a: Wide dispersive indoor use of long-life articles and materials with low release

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 1: Adhesives, sealants

PC 9a: Coatings and paints, thinners, paint removes

PC 9b: Fillers, putties, plasters, modelling clay

PC 9c: Finger paints

PC 15: Non-metal-surface treatment products

PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 18: Ink and toners

Sector of end use SU 10: Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU 5: Manufacture of textiles, leather, fur

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 0: Other:

coatings for art and creative items

Use of ZnSO₄-containing Lubricants / Grease / Metal working fluids

Process category PROC 7: Industrial spraying

PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated

facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 11: Non industrial spraying

PROC 13: Treatment of articles by dipping and pouring

PROC 14: Production of preparations or articles by tableting, compression, extrusion, pelletisation

PROC 17: Lubrication at high energy conditions and in partly open process

PROC 19: Hand-mixing with intimate contact and only PPE available.

PROC 21: Low energy manipulation of substances bound in materials and/or articles

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8c: Wide dispersive indoor use resulting in inclusion into or onto a matrix

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

ERC 8f: Wide dispersive outdoor use resulting in inclusion into or onto a matrix

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 24: Lubricants, greases, release products

PC 25: Metal working fluids

PC 32: Polymer preparations and compounds

Sector of end use SU 17: General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

SU 18: Manufacture of furniture

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 1: Vehicles

AC 2: Machinery, mechanical appliances, electrical/electronic articles

AC 7: Metal articles

AC 11: Wood articles

Use of ZnSO₄-containing cleaning products

Process category PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 11: Non industrial spraying

PROC 13: Treatment of articles by dipping and pouring

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 8: Biocidal products (e.g. disinfectants, pest control)

PC 35: Washing and cleaning products (including solvent based products)

PC 39: Cosmetics, personal care products

Sector of end use SU 9: Manufacture of fine chemicals

Subsequent service life relevant for that use? yes

Use of ZnSO₄-containing fertilizer's formulations

Process category PROC 2: Use in closed, continuous process with occasional controlled exposure

PROC 7: Industrial spraying

PROC 8a: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 11: Non industrial spraying

PROC 13: Treatment of articles by dipping and pouring

PROC 19: Hand-mixing with intimate contact and only PPE available.

PROC 26: Handling of solid inorganic substances at ambient temperature

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8b: Wide dispersive indoor use of reactive substances in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

ERC 8e: Wide dispersive outdoor use of reactive substances in open systems

ERC 9b: Wide dispersive outdoor use of substances in closed systems

ERC 10b: Wide dispersive outdoor use of long-life articles and materials with high or intended release (including abrasive processing)

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 9b: Fillers, putties, plasters, modelling clay

PC 12: Fertilisers

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

Sector of end use SU 1: Agriculture, forestry and fishing

SU 9: Manufacture of fine chemicals

Subsequent service life relevant for that use? yes

Use of cosmetics

Process category PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 11: Non industrial spraying

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 28: Perfumes, fragrances

PC 35: Washing and cleaning products (including solvent based products)

PC 39: Cosmetics, personal care products

Sector of end use SU 9: Manufacture of fine chemicals

Subsequent service life relevant for that use? yes

Use of Pharma / veterinary products

Process category PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 11: Non industrial spraying

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

PC 29: Pharmaceuticals

Sector of end use SU 20: Health services

Subsequent service life relevant for that use? yes

DU of pharma / veterinary products

Process category PROC 8b: Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9: Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC 10: Roller application or brushing

PROC 11: Non industrial spraying

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

Substance supplied to that use in form of In a mixture

Market sector by type of chemical product PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

PC 29: Pharmaceuticals

Sector of end use SU 20: Health services

Subsequent service life relevant for that use? yes

Uses by consumers

Use of ZnSO₄-containing Lubricants / Grease / Metal working fluids

Chemical product category PC 14: Metal surface treatment products, including galvanic and electroplating products

PC 24: Lubricants, greases, release products

PC 25: Metal working fluids

PC 32: Polymer preparations and compounds

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8c: Wide dispersive indoor use resulting in inclusion into or onto a matrix

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

ERC 8f: Wide dispersive outdoor use resulting in inclusion into or onto a matrix

Subsequent service life relevant for that use? yes

Article category related to subsequent service life AC 1: Vehicles

AC 2: Machinery, mechanical appliances, electrical/electronic articles

AC 7: Metal articles

AC 11: Wood articles

Use of ZnSO₄-containing cleaning products

Chemical product category PC 8: Biocidal products (e.g. disinfectants, pest control)

PC 35: Washing and cleaning products (including solvent based products)

PC 39: Cosmetics, personal care products

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

Subsequent service life relevant for that use? yes

Use of ZnSO₄-containing fertilizer's formulations

Chemical product category PC 9b: Fillers, putties, plasters, modelling clay

PC 12: Fertilisers

PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

ERC 8b: Wide dispersive indoor use of reactive substances in open systems

ERC 8d: Wide dispersive outdoor use of processing aids in open systems

ERC 8e: Wide dispersive outdoor use of reactive substances in open systems

ERC 9b: Wide dispersive outdoor use of substances in closed systems

ERC 10b: Wide dispersive outdoor use of long-life articles and materials with high or intended release (including abrasive processing)

Subsequent service life relevant for that use? yes

Use of cosmetics

Chemical product category PC 28: Perfumes, fragrances

PC 35: Washing and cleaning products (including solvent based products)

PC 39: Cosmetics, personal care products

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

Subsequent service life relevant for that use? yes

Use of Pharma / veterinary products

Chemical product category PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

PC 29: Pharmaceuticals

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

Subsequent service life relevant for that use? yes

DI of pharma / veterinary products

Chemical product category PC 20: Products such as ph-regulators, flocculants, precipitants, neutralisation agents

PC 21: Laboratory chemicals

PC 29: Pharmaceuticals

Environmental release category ERC 8a: Wide dispersive indoor use of processing aids in open systems

Subsequent service life relevant for that use? yes