

MKP

Potassium dihydrogenorthophosphate

EINECS #

231-913-4

CAS#

7778-77-0

#	Title description	Industrial	Professional	Consumer	Ref.	SU	PC	PROC	AC	ERC
1	Manufacture of MKP not including packaging and further uses	X				SU 8,9 - Manufacture of chemicals	Not Applicable	PROC 1 - Use in closed process, no likelihood of exposure PROC 2 - Use in closed, continuous process with occasional controlled exposure (e.g. sampling) PROC 3 - Use in closed batch process (synthesis or formulation) PROC 4 - Use in batch and other process (synthesis) where opportunity for exposure arises		ERC 1 - Manufacture of substances
2	After-manufacture on-site processes (charging, packaging etc)	X				SU3- Industrial uses: uses of substances as such or in preparation at industrial sites	Not Applicable	PROC 5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) 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)		ERC 2 - Formulation of preparations
3	Industrial formulations (all types) including fertilizers, biocidal products, plant protection products, pharmaceuticals, products such as pH regulators, flocculants, ..., textiles dyes impregnating agents,	X				SU10 - Formulation	Not Applicable	PROC 1 - Use in closed process, no likelihood of exposure PROC 2 - Use in closed, continuous process with occasional controlled exposure (e.g. sampling) 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)		ERC 2 - Formulation of preparations ERC 3 - Formulation in materials
4	Manufacturing of detergents and maintenance products	X				SU10 - Formulation	PC35 - Washing and Cleaning Products (including solvent based products)	PROC 1,2,3,4,5,8a,8b,9,14		ERC 2 - Formulation of preparations
5	Solid fertilizers NPK/PK Surface spreading or incorporation at open fields and/or forest fertilization fertilization of amenity (parks, public lawns, sport fields golf courses)		X		Fe1.1	SU1 - Agriculture, forestry, fishery	PC12 - Fertilizers	PROC 8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities		ERC 8E - Wide dispersive outdoor use of reactive substances in open systems
6	Solid fertilizers NPK/PK : surface spreading at home gardens			X	Fe1.2	SU21 - Consumer uses	PC12 - Fertilizers	Not Applicable		ERC 8E - Wide dispersive outdoor use of reactive substances in open systems
7	Liquid fertilizers: Surface spreading or incorporation through pipes at open field Fertilization of amenity (parks, public lawns, sport fields, golf courses)		X		Fe1.3	SU1 - Agriculture, forestry, fishery	PC12 - Fertilizers	PROC 13 - Treatment of articles by dipping and pouring		ERC 8E - Wide dispersive outdoor use of reactive substances in open systems

8	Liquid fertilizers surface spreading at home gardens		X	Fe1.4	SU21 - Consumer uses	PC12 - Fertilizers	Not Applicable	ERC 8E - Wide dispersive outdoor use of reactive substances in open systems
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9	Liquid fertilizers : indoor home fertilizers use			X	Fe1.5	SU21 - Consumer uses	PC12 - Fertilizers	Not Applicable	ERC 8B - Wide dispersive indoor use of reactive substances in open systems
10	Liquid foliar fertilizers			X	Fe1.6	SU1 - Agriculture, forestry, fishery	PC12 - Fertilizers	PROC 8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities	ERC 8E - Wide dispersive outdoor use of reactive substances in open systems
11	Liquid fertilizers Greenhouse applications			X	Fe1.7	SU1 - Agriculture, forestry, fishery	PC12 - Fertilizers	PROC 8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities	ERC 8B - Wide dispersive indoor use of reactive substances in open systems
12	Liquid fertilizers Fertigation at open field			X	Fe 1.8	SU1 - Agriculture, forestry, fishery	PC12 - Fertilizers	PROC 2 - Use in closed, continuous process with oc-casional controlled exposure (e.g. sam-pling)	ERC 9B - Wide dispersive outdoor use of substances in closed sys-tems
13	Packaging of Solid Fertilizers			X	Fe2.2.	SU10 - Formulation	PC12 - Fertilizers	PROC 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	ERC 2 - Formulation of preparations
14	Industrial formulations (all types) Blending of solid fertilizers	X			Fe2.1	SU10 - Formulation	PC12 - Fertilizers	PROC 2 - Use in closed, continuous process with oc-casional controlled exposure (e.g. sam-pling) 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)	ERC 2 - Formulation of preparations
15	Professional dilution of liquid soluble fertilizers			X	Fe2.3.	SU10 - Formulation	PC12 - Fertilizers	PROC 5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)	ERC 2 - Formulation of preparations
16	Dilution of liquid soluble fertilizers by the consumers			X	Fe2.4.	SU21 - Consumer uses	PC12 - Fertilizers	Not Applicable	ERC 2 - Formulation of preparations
17	Storage, transfer, loading/ unloading			X	Fe2.5.	SU22 - Professional uses	PC12 - Fertilizers	PROC 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	ERC 9A - Wide dispersive indoor use of substances in closed systems
18	Fire extinguisher powder UCN B50000	X	X	X		SU3- Industrial uses: uses of substances as such or in preparation at industrial sites SU21 - Professional uses SU22 - Consumer uses	PC0 - Other products (use UCN codes)	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 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing) PROC 26 - Handling of solid inorganic substances at ambient temperature	ERC 2 - Formulation of preparations
19	Additive for the manufacture of ceramic products UCN G15000	X	X	X		SU3- Industrial uses: uses of substances as such or in preparation at industrial sites	PC0 - Other products (use UCN codes)	PROC 5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) PROC 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	ERC 3 - Formulation in materials
20	Use in Industrial manufacture of textiles	X				SU5 - Manufacture of textiles, leather, fur	Not Applicable	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	ERC 4 - Industrial use of processing aids in processes and products, not becoming part of articles
21	Oxidizing and corrosion inhibiting additive for flexible graphite	X				SU22 - Professional uses	PC0 - Other products (use UCN codes)	PROC 8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities	ERC 8B - Wide dispersive indoor use of reactive substances in open systems
22	Professional use of air care products			X		SU22 - Professional uses	PC3 - Air care products	PROC 11 - Non industrial spraying	ERC 8A - Wide dispersive indoor use of processing aids in open systems

23	Professional Use in professional textiles sector		X	X		SU21 - Consumer uses	PC34 - Textile dyes, finishing and impregnating products; including bleaches and other processing aids;	PROC 8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities	ERC 8B - Wide dispersive indoor use of reactive substances in open systems
						SU22 - Professional uses		PROC 13 - Treatment of articles by dipping and pouring	
24	Professional use of products such as ph-regulators, flocculants, precipitants, neutralization agents, other un-specific		X	X		SU21 - Consumer uses	PC20 - Products such as ph-regulators, flocculants, precipitants, neutralization agents, other un-specific	Not Applicable	ERC 8B - Wide dispersive indoor use of reactive substances in open systems
						SU22 - Professional uses		PROC 8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities	
25	Use of detergents		X	X		SU21 - Consumer uses	PC35 - Washing and Cleaning Products (including solvent based products)	Not Applicable	
						SU22 - Professional uses		PROC 1 2 3 4 5 6 7 8a 8b 9 10 11 13 14 15	
26	Nutrient for yeast and in many fermentation processes in food and pharmaceutical sectors (UCN 42300)	X				SU4 - Manufacture of food products	PC0 - Other products (use UCN codes)	PROC 4 - Use in batch and other process (synthesis) where opportunity for exposure arises	ERC 7 - Industrial use of substances in closed systems
								PROC 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	
27	Use for manufacture of basic pharmaceutical products and pharmaceutical preparations (UCN 42300) - NACE C21	X				SU0 - Other	PC0 - Other products (use UCN codes)	PROC 4 - Use in batch and other process (synthesis) where opportunity for exposure arises	ERC 7 - Industrial use of substances in closed systems
								PROC 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	
28	Use of biocidal products		X	X	exempted	SU21 - Consumer uses	PC8 - Biocidal Products (e.g. Disinfectants, pest control)		
						SU22 - Professional uses			
29	Use in human foods and animals feeds medical and pharmaceutical products	X			exempted	SU4 - Manufacture of food products	Not Applicable		