

PRAYON S.A.
SUBSTANCE NAME

HKP
Phosphoric acid, potassium salt (2:1)
Potassium pentahydrogen bis (phosphate)

Classification according to REGULATION (EC) No 1272/2008
Classified GHS05 H314
Danger H319

Version : 12 January 2010

EINECS # 238-961-5
CAS# 14887-42-4

#Ref	Short Title	Industrial	Professional	Consumers	ES	Sectors of Use (SU)	Process Category (PROC)	Product Category (PC) or Article Category (AC)	Environmental Release Category (ERC)	Operational conditions and exposure pattern (To be completed)	Risk Management measures	
											(To be completed)	
ES1	Manufacture of HKP	X			Fe3.1.	SU 8,9 - Manufacture of chemicals	N/A	ERC 1 - Manufacture of substances			Closed system	
											PPE: gloves, mask, goggles. Safety showers and eye washes for accidental contact.	
											LEV to prevent exposure to dust	
											Secondary containment for accidental releases.	
ES2	Storage, transfer, loading/ unloading		X		Fe2.5.	SU22 - Professional uses	PROC 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	PC12 - Fertilizers	ERC 9A - Wide dispersive indoor use of substances in closed systems		PPE: gloves, mask, goggles for accidental contact.	
ES3	Packaging of Solid Fertilizers		X		Fe2.2.	SU10 - Formulation	PROC 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	PC12 - Fertilizers	ERC 2 - Formulation of preparations			
ES4	Industrial formulations (all types) Blending of solid fertilizers	X			Fe2.1	SU10 - Formulation	PROC 2 - Use in closed, continuous process with occasional controlled exposure (e.g. sam-pling)	PC12 - Fertilizers	ERC 2 - Formulation of preparations			
												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)
ES5	Professional dilution of liquid soluble fertilizers		X		Fe2.3.	SU10 - Formulation	PROC 5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)	PC12 - Fertilizers	ERC 2 - Formulation of preparations			
ES6	Dilution of liquid soluble fertilizers by the consumers			X	Fe2.4.	SU21 - Consumer uses	Not Applicable	PC12 - Fertilizers	ERC 2 - Formulation of preparations			
ES7	Liquid fertilizers Surface spreading or incorporation through pipes at open field Fertilization of amenity (parks, publiclawns, sport fields, golf courses)		X		Fe1.3	SU1 - Agriculture, forestry, fishery	PROC 13 - Treatment of articles by dipping and pour-ing	PC12 - Fertilizers	ERC 8E - Wide dispersive outdoor use of reactive substances in open systems			
ES8	Liquid fertilizers Greenhouse applications		X		Fe1.7	SU1 - Agriculture, forestry, fishery	PROC 8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities	PC12 - Fertilizers	ERC 8B - Wide dispersive indoor use of reactive substances in open systems			
ES9	Liquid fertilizers Fertigation at open field		X		Fe 1.8	SU1 - Agriculture, forestry, fishery	PROC 2 - Use in closed, continuous process with occasional controlled exposure (e.g. sam-pling)	PC12 - Fertilizers	ERC 9B - Wide dispersive outdoor use of substances in closed sys-tems			
ES10	Addition of micronutrients and/or additives in solid fertilizers	X			Fe 3.5.	SU10 - Formulation	PROC 5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)	PC12 - Fertilizers	ERC 2 - Formulation of preparations			