

POTASSIUM NITRATE USES										
	Code	Process Description	Sector of Use (SU)	Environmental Release Category (ERC)	Process Category (PROC)	Product Category (PC)	Article Category (AC)			
Formulation of preparations and/or repackaging		Uploading / unloading (non-dedicated)	SU 10	ERC 2	PROC 8a	/	/			
		Uploading / unloading (dedicated)			PROC 8b	/	/			
		Repacking/Filling containers			PROC 9	/	/			
		Closed continuous process (sampling)			PROC 2	/	/			
		Closed continuous process (no sampling)			PROC 1	/	/			
		Handling			PROC 26	/	/			
		Closed batch process (sampling)			PROC 3	/	/			
		Batch Mixing : Limited Exposure			PROC 4	/	/			
		Batch Mixing : Significant Contact			PROC 5	/	/			
		Manual Mixing: Only PPE available			PROC 19	/	/			
		Laboratory reagent			PROC 15	/	/			
		Production of preparation or articles by tableting and other processes			PROC 14	/	/			
		Covering: Formulation of fertilizers, pyrotechnic, fireworks, antifreeze, explosives, repackaging, washing/cleaning products, water treatment chemicals								
		Manufacturing of mineral fertilizer including maintenance or cleaning				Closed continuous process (no sampling)	SU 3, 8,9	ERC 1, 6A, 2	PROC 1	/
Closed continuous process (sampling)	PROC 2		/	/						
Closed batch process (sampling)	PROC 3		/	/						
Batch Mixing : Significant Contact	PROC 5		/	/						
Covering: Production of KNO3 (complex fertilizers production)										
Industrial end-use as intermediate for chemical synthesis		Uploading / unloading (non-dedicated)	SU 3	ERC 6A	PROC 8a	/	/			
		Uploading / unloading (dedicated)			PROC 8b	/	/			
		Closed continuous process (no sampling)			PROC 1	/	/			
		Closed continuous process (sampling)			PROC 2	/	/			
		Closed batch process (sampling)			PROC 3	/	/			
		Batch synthesis (limited exposure)			PROC 4	/	/			
Covering: Production of chemicals substances										
Industrial end-use as heat transfer salt (energy storage)		Uploading / unloading (dedicated)	SU 3	ERC 7	PROC 8b	/	/			
		Potentially closed operations at elevated temperature			PROC 22	/	/			
Covering:										
Industrial end-use as heat treatment salt and oxidizing flux		Uploading / unloading (non-dedicated)	SU 3	ERC 7/6A	PROC 8a	/	/			
		Uploading / unloading (dedicated)			PROC 8b	/	/			
		Use in closed process (no likelihood of exposure)			PROC 1	/	/			
		Use in closed process (occasional controlled exposure)			PROC 2	/	/			
		Batch Mixing : Significant Contact			PROC 5	/	/			
		Potentially closed operations at elevated temperature			PROC 22	/	/			
		Other hot work operation with metals			PROC 20	/	/			
		Open operations at elevated temperature			PROC 23	/	/			
Covering: (metal treatment, steel and rubber manufacture, flux in metallurgy, aluminum production, foundry industry)										
Industrial end-use for manufacturing of glass and frits		Uploading / unloading (non-dedicated)	SU 3	ERC 6A	PROC 8a	/	/			
		Uploading / unloading (dedicated)			PROC 8b	/	/			
		Use in closed process (no likelihood of exposure)			PROC 1	/	/			
		Use in closed process (occasional controlled exposure)			PROC 2	/	/			
		Closed batch process (sampling)			PROC 3	/	/			
		Batch synthesis (limited exposure)			PROC 4	/	/			
		Repacking/Filling containers			PROC 9	/	/			
		Manual Mixing: Only PPE available			PROC 19	/	/			
		Potentially closed operations at elevated temperature			PROC 22	/	/			
		Handling of inorganic substances at ambient temperature			PROC 26	/	/			
		Open operations at elevated temperature			PROC 23	/	/			
Covering: Manufacture of glass and frits										
Industrial end-use as surface treating agent		Uploading / unloading (non-dedicated)	SU 3	ERC 1	PROC 8a	/	/			
		Uploading / unloading (dedicated)			PROC 8b	/	/			
		Closed batch process (sampling)			PROC 3	/	/			
		Batch Mixing : Significant Contact			PROC 5	/	/			
		Repacking/Filling containers			PROC 9	/	/			
		Use as laboratory reagent			PROC 15	/	/			
Covering:										
Professional end-use as fertilizer		Uploading / unloading (non-dedicated)	SU 22, 1	ERC 8B/8E/2	PROC 8a	/	/			
		Uploading / unloading (dedicated)			PROC 8b	/	/			
		Handling of inorganic substances at ambient temperature			PROC 26	/	/			
		Mixing of the product with significant contact			PROC 5	/	/			
		Hand-mixing with only PPE available			PROC 19	/	/			
		Repacking/Filling containers			PROC 9	/	/			
Covering: Fertilizer use (as substance or in preparation).										
Professional end-use (pyrotechnic)		Handling of inorganic substances at ambient temperature	SU 22	ERC 8E	PROC 26	/	/			
		Use material as fuel source, limited exposure to unburned			PROC 16	/	/			
Covering:										
Professional end-use (explosives)		Handling of inorganic substances at ambient temperature	SU 22	ERC 8E	PROC 26	/	/			
		Use material as fuel source, limited exposure to unburned			PROC 16	/	/			
Covering:										
Professional end-use (water treatment chemicals)		Uploading / unloading (non-dedicated)	SU 22	ERC 8E	PROC 8A	/	/			
		Uploading / unloading (dedicated)			PROC 8B	/	/			
		Mixing of the product with significant contact			PROC 5	/	/			
		Repacking/Filling containers			PROC 9	/	/			
Covering:										
Professional end-use (de-icing/antifreeze)		Uploading / unloading (non-dedicated)	SU 22	ERC 8D/8A	PROC 8A	/	/			
		Uploading / unloading (dedicated)			PROC 8B	/	/			
		Mixing of the product with significant contact			PROC 5	/	/			
		Non industrial spraying			PROC 11	/	/			
Covering:										
Professional end-use (washing and cleaning)		Uploading / unloading (non-dedicated)	SU 22	ERC 8D	PROC 8A	/	/			
		Uploading / unloading (dedicated)			PROC 8B	/	/			
		Mixing of the product with significant contact			PROC 5	/	/			
Covering:										
Consumer end-use		Cosmetics	SU 21	ERC 8D/8A	/	PC 39	/			
Consumer end-use		Antifreeze/De-icing	SU 21	ERC 8D/8A	/	PC 4	/			
Consumer end-use		Fertilizer use	SU 21	ERC 8B/8E/2	/	PC 22/PC 12	/			
Consumer end-use		Washing and cleaning products	SU 21	ERC 8D/8A	/	PC 35	/			
Consumer end-use		Pyrotechnics	SU 21	ERC 8E	/	PC S50200	/			