





Product Specification

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POTASSIUM PERCHLORATE AR/ACS

PRODUCT CODE	614935	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(7778-74-7)	
ATOMIC OR MOLECULAR FORMULA	KClO₄	KClO₄
ATOMIC OR MOLECULAR WEIGHT	138.55	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Colourless crystalline or white crystalline powder.	
Solubility	0.1 M solution in water is clear and colourless.	
Minimum assay (argentometric)	99.0-100.5%	
pH (1% water)	5-7	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.005%	
Chloride and chlorate (as Cl)	0.003%	
Sulphate (SO ₄)	0.001%	
Heavy metals (as Pb)	0.05%	
Iron (Fe)	0.05%	
Calcium (Ca)	0.005%	
Sodium(Na)	0.02%	
Note(s) : Assay (if applicable) method mentioned.		
DANGER		IMDG Code :
Hazard statements: May cause respiratory irritation. May intensify fire; oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.		4UN No. :
Precautionary statements		IATA :
Prevention: Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.		
Response: If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.		
Hazard Pictogram(s) :-		
 		
GHS03 GHS07		