



Product Specification

cdhfinechemical.com

POTASSIUM META PERIODATE AR/ACS REAGENT FOR LI AND MN

PRODUCT CODE	H61144	
SYNONYMS	Potassium periodate	
C.I. NO.	--	
CASR NO.	(7790-21-8)	
ATOMIC OR MOLECULAR FORMULA	KIO ₄	KIO₄
ATOMIC OR MOLECULAR WEIGHT	230.00	
PROPERTIES	Powerful oxidizer in acid solution.	
PARAMETER	LIMIT	
Description	White crystalline powder.	
Solubility	2% aq. Hot solution is clear and colourless.	
Minimum assay (Iodometric)	99.8%	
pH (0.5% aq. soln.)	4.9 - 5.3	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying	0.1%	
Calcium (ICP)	10 mg/kg	
Cadmium (ICP)	5 mg/kg	
Cobalt (ICP)	5 mg/kg	
Chromium (ICP)	5 mg/kg	
Copper (ICP)	5 mg/kg	
Iron (ICP)	50 mg/kg	
Magnesium (ICP)	5 mg/kg	
Manganese (ICP)	1 mg/kg	
Sodium (ICP)	2000 mg/kg	
Nickel (ICP)	5 mg/kg	
Lead (ICP)	5 mg/kg	
Zinc (ICP)	5 mg/kg	
Total Sulfur AS SO ₄ (ICP)	50 mg/kg	
Bromide, Bromate, Chloride, Chlorate (AS CL)	100mg/kg	
Note(s) : Assay (if applicable) method mentioned.		
DANGER Hazard statements: May intensify fire; oxidizer. Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Very toxic to aquatic life Precautionary statements Prevention : Do not eat, drink or smoke when using this product. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Wash hands thoroughly after handling. Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat. Take any precautions to avoid mixing with combustibles or incompatible materials. Do not breathe dust or mist. Response : Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth.	IMDG Code : 5.1 (8)/I UN No. : 3085 ATA : 5.1	



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Do NOT induce vomiting. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Absorb spillage to prevent material damage. Specific treatment: refer to Label or MSDS. Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower.

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS03



GHS05



GHS09



GHS08