



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\ID:PS\20216XPS.xls
PRODUCT CODE	20216
PRODUCT NAME	POTASSIUM PERIODATE AR
SYNONYMS	(Potassium metaperiodate)
C.I. NO.	--
CASR NO.	(7790-21-8)
ATOMIC OR MOLECULAR FORMULA	KIO ₄
ATOMIC OR MOLECULAR WEIGHT	230.00
PROPERTIES	Powerful oxidizer in acid solution.

KIO₄

PARAMETER	LIMIT
Description	White to off white crystalline powder.
Solubility	0.3% solution in water is clear and almost colourless.
Minimum assay (Iodometric; after drying)	99.8%
pH (0.5% soln.)	4.9 - 5.3
Loss on drying	Max. 0.1%
MAXIMUM LIMIT OF IMPURITIES	
Bromate, Bromide, Chlorate & Chloride (Cl)	0.01%
Iodide (I)	0.001%
Sulphate (SO ₄)	0.01%
Manganese (Mn)	0.0001%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements : May cause respiratory irritation. May intensify fire; oxidizer. Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention : Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response : Wear eye/face protection. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IMDG Code : 5.1/II
UN No. : 1479
IATA : 5.1

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand.

Hazard Pictogram(s) :



Skin irritation



Oxidising

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 02.04.2010
Date : 01.04.2010	Date : 01.04.2010	Date : 02.04.2010	AMEND NO. : 1554

