



SDFCL
s d fine-chem limited

Quality Control Dept.



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Product Specification

E Control	QC2\DATAD\ID\PS\20211XPS.xls
PRODUCT CODE	20211
PRODUCT NAME	POTASSIUM IODATE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(7758-05-6)
ATOMIC OR MOLECULAR FORMULA	KIO ₃
ATOMIC OR MOLECULAR WEIGHT	214.00
PROPERTIES	Oxidizing agent.

KIO₃

PARAMETER	LIMIT
Description	A white crystalline powder.
Solubility	5% solution in warm water is clear and colourless.
Minimum Assay (iodometric)	99.9%
pH of 5% Solution	5.5 - 9.0
Loss on drying at 130°C	Max.0.05%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Bromate, Bromide, Chlorate Chloride(As Cl)	0.02%
Sulphate (SO ₄)	0.01%
Nitrogen compounds (N)	0.002%
Copper (Cu)	0.001%
Iodide (I)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.001%

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: Add bromine / iodine / inorganic peroxide / oxidants to be disposed to large amount of water and then make harmless by addition of acidic sodium thiosulphate solution .

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
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