



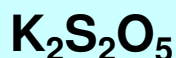
SDFCL
s d fine-CHEM LIMITED

Quality Control Dept.



C Product Specification

E Control	QC2\DATAD\D:\PS\20213XPS.xls
PRODUCT CODE	20213
PRODUCT NAME	POTASSIUM METABISULPHITE AR Meets analytical specification of BP, USP-NF, FCC, Ph. Eur.
SYNONYMS	(di-potassium disulphite, potassium disulphite, potassium pyrosulphite)
C.I. NO.	--
CASR NO.	(16731-55-8)
ATOMIC OR MOLECULAR FORMULA	K ₂ S ₂ O ₅
ATOMIC OR MOLECULAR WEIGHT	222.33
PROPERTIES	Sulfur dioxide odour; oxidizes in air to sulphate; liberates acid with acids.



PARAMETER	LIMIT
Description	Colourless crystals/ white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification	Passes tests.
Minimum Assay (Iodometric)	97.0%
SO ₂ content	55.8- 57.6%
pH(5% soln. in water)	3.0 – 4.5
MAXIMUM LIMIT OF IMPURITIES	
Water insoluble matter	0.005%
Chloride (Cl)	0.005%
Arsenic (As)	0.0001%
Copper (Cu)	0.001%
Heavy metals(as Pb)	0.001%
Iron (Fe)	0.0005%
Lead (Pb)	0.001%
Selenium (Se)	0.0005%
Thiosulphate(S ₂ O ₃)	0.025%
Residual solvents	Excluded by mfg. process
Organic volatile impurities	Meets the requirement
Zinc (Zn)	0.001%

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

DANGER

Hazard statements : Harmful if swallowed. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause allergic skin reaction

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. In case of inadequate ventilation wear respiratory protection. Contaminated clothing should not be allowed out of the workplace. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response: IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation or rash occurs, seek medical advice /attention. If experiencing respiratory symptoms call a POISON CENTER or doctor/ physician. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash contaminated clothing before reuse.

Disposal: Salts which are acidic in aqueous solns. are if necessary , first mixed with sodium bicarbonate or carbonate powder, dissolved in plenty of water and usually disposed off into waste water in naturalized form. Maximum permissible concentration should be observed.

IMDG Code : --
UN No. : --
IATA : --

Hazard Pictogram(s) :



Skin irritation



Aspiration hazard

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

