

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

ANTIMONY PENTOXIDE	
PRODUCT CODE	R05966
SYNONYMS	(ANTIMONY (V) OXIDE)
C.I. NO.	--
CASR NO.	(1314-60-9)
ATOMIC OR MOLECULAR FORMULA	Sb ₂ O ₅
ATOMIC OR MOLECULAR WEIGHT	323.52
PROPERTIES	--
PARAMETER	LIMIT
Description	White to yellowish powder.
Solubility	Soluble in strong bases forming antimonates and HCl.
Minimum assay	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Iron (Fe)	0.002%
Arsenic (As)	0.015%
Lead (Pb)	0.05%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Precautionary statements Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention. Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.	IMDG Code :-- UN No. : -- IATA : --
Hazard Pictogram(s) :	

Replace Date 1 April 2023

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