




Product Specification

cdhfinechemical.com

SAMARIUM (III) SULPHATE OCTAHYDRATE 99.999%

PRODUCT CODE	RE2570	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(13465-58-2)	
ATOMIC OR MOLECULAR FORMULA	Sm₂(SO₄)₃ · 8H₂O	Sm ₂ (SO ₄) ₃ · 8H ₂ O
ATOMIC OR MOLECULAR WEIGHT	733.03	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Yellow powder, crystals, crystalline powder.	
Solubility	Soluble in water, moderately soluble in mineral acids.	
Minimum assay (Trace metals basis)	99.999%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : -- UN No. : -- IATA : --
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.		
Hazard Pictogram(s) :		
	GHS07	

Replace date 5-July-2023