




Product Specification

cdhfinechemical.com

CERIC OXIDE 99.999% AR

PRODUCT CODE	RE0175	
SYNONYMS	(Cerium IV Oxide)	
C.I. NO.	--	
CASR NO.	(1306-38-3)	
ATOMIC OR MOLECULAR FORMULA	CeO ₂	CeO ₂
ATOMIC OR MOLECULAR WEIGHT	172.12	
PROPERTIES	Slightly hygroscopic.	
PARAMETER	LIMIT	
Description	Faint yellow to dark yellow and faint beige to dark beige powder.	
Solubility	Insoluble in water, moderately soluble in strong mineral acids.	
Minimum Assay (Trace metals basis)	99.999%	
MAXIMUM LIMIT OF IMPURITY		
Total rare earth oxide	0.001%	
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.	MDG Code : -- UN No. : -- IATA : --	
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 30-July-2018