




Product Specification

cdhfinechemical.com

CERIUM(III)CHLORIDE HEPTAHYDRATE AR

PRODUCT CODE	RE0325	
SYNONYMS	(Cerous chloride heptahydrate)	
C.I. NO.	--	
CASR NO.	(18618-55-8)	
ATOMIC OR MOLECULAR FORMULA	CeCl ₃ .7H ₂ O	CeCl₃.7H₂O
ATOMIC OR MOLECULAR WEIGHT	372.58	
PROPERTIES	Hygroscopic	
PARAMETER	LIMIT	
Description	Colourless to yellow deliquescent crystals, crystalline powder.	
Solubility	5% solution in water is should be clear.	
Minimum Assay (by Complexometric)	98.5%	
MAXIMUM LIMIT OF IMPURITIES		
Sulphate (SO ₄)	0.01%	
Heavy metals (As Pb)	0.002%	
Iron (Fe)	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code : --
Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.		UN No. :--
Precautionary statements		IATA :--
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 04-Aug.-2018