




Product Specification

cdhfinechemical.com

POTASSIUM CYANATE FOR SYNTHESIS

PRODUCT CODE	195425	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(590-28-3)	
ATOMIC OR MOLECULAR FORMULA	KOCN	
ATOMIC OR MOLECULAR WEIGHT	81.12	$K^+ \quad ^-O \quad \equiv N$
PROPERTIES	Soluble in water, very slightly soluble in alcohol.	
PARAMETER	LIMIT	
Description	White fine crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Argentometric)	97.00%	
MAXIMUM LIMIT OF IMPURITY		
Potassium cyanide	1.0%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING	Hazard statements : Harmful if swallowed. Precautionary statements Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Response : Specific treatment: refer to Label or MSDS.	
	IMDG Code : UN No. : IATA :	
Disposal: The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand. Disposal of small quantities of cyanide residues (and mercaptans) is done as follows. Dissolve the residues in water ,ensuring that concentration of solution is not more than 5%. Add 10-15% sodium hypochlorite solution with stirring until excess hypochlorite is indicated by the solution turning starch iodide paper to a definite blue colour. Add a further small volume of hypochlorite solution and leave to stand aside for 24 hours. Recheck the excess of hypochlorite with starch-iodide paper and if the test is positive then wash the treated away solution with large amounts of water. If the test if negative then repeat the treatment with hypochlorite solution until detoxification is completed.		
Hazard Pictogram(s) :		
 GHS07		

Replace date 27_may-2023