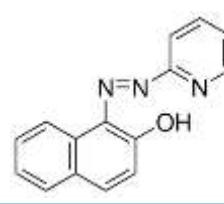



PAN INDICATOR AR REAGENT FOR COMPLEXOMETRIC TITRATION

PRODUCT CODE	312585	
SYNONYMS	1-(2-pyridylazo) 2-naphthol (pan)	
C.I. NO.	--	
CASR NO.	(85-85-8)	
ATOMIC OR MOLECULAR FORMULA	C₁₅H₁₁N₃O	
ATOMIC OR MOLECULAR WEIGHT	249.27	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	Orange - red to brick red to reddish – brown or brown crystalline powder.	
Identification (FTIR)	Conforms.	
Minimum Assay (Non-aqueous)	98.0%	
Melting Point	138° - 141°C	
Absorption maximum (λ max In ethanol), nm	462 - 468 nm	
Sp. Absorptivity (A1% \ 1 cm λ max. ethanol)	670 – 720	
Suitability as a Complexometric indicator	To pass the test.	
Sensitivity to copper	To pass the test.	
Note(s) :Assay (if applicable) method mentioned.		
WARNING		IMDG Code : UN No. : IATA :
Hazard statements :Harmful if inhaled.		
Precautionary statements		
Prevention :Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/ spray.		
Response :IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. Call a POISON CENTER or doctor/physician if you feel unwell.		
Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.		
Hazard Pictogram(s) :		
 GHS07		

Replace date 14-May-2024