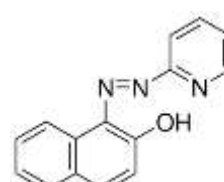


PAN INDICATOR AR REAGENT FOR COMPLEXOMETRIC TITRATION

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 (λmax in ethanol), nm	461 – 465
Sp. Absorptivity (A1% \ 1 cm λmax. 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

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

IMDG Code :

UN No. :

IATA :

Replace date 17-June-2023