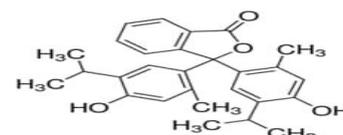


## THYMOLPHTHALEINE AR pH INDICATOR

<b>PRODUCT CODE</b>	<b>323045</b>
<b>SYNONYMS</b>	--
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(125-20-2)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>28</sub>H<sub>30</sub>O<sub>4</sub></b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>430.55</b>
<b>PROPERTIES</b>	<b>White powder, insoluble in water, soluble in alcohol and acetone.</b>



<b>PARAMETER</b>	<b>LIMIT</b>
pH Transition Range	pH 9.3 - 10.5
Clarity of soln.	Colourless - blue
Absorption maximum (pH 10.5)	To pass the test.
Absorptivity (A1% / 1 cm at λ max, pH 10.5) (on dried sub.)	592 - 596 nm
Sensitivity	800 - 900
	To pass the test.

### MAXIMUM LIMIT OF IMPURITY

Loss on drying (at 110°C)	1.0%
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**Note(s): Assay (if applicable) method mentioned**

#### WARNING

**Hazard statements :** Very toxic to aquatic life with long lasting effects.

**Precautionary statements**

**Prevention:** Avoid release to the environment.

**Response:** Collect spillage.

IMDG Code : 9/III

UN No. : 3077

IATA : 9

**Disposal:** The waste chemical should be buried on a stage approved site .The liquids should be absorbed on sand. The chemical should be mixed combustibile solvent and burnt in a chemical incinerator equipped with burner and scrubber.

Hazard Pictogram(s) :-



GHS09

Replace Date 17-June-2023