



DIMETHYL YELLOW INDICATOR pH 2.9-4.0 RED TO ORANGE YELLOW CARCINOGENIC

PRODUCT CODE	R05706
SYNONYMS	(Methyl yellow) [4-(Dimethylamino)-azobenzene]
C.I. NO.	11020
CASR NO.	(60-11-7)
ATOMIC OR MOLECULAR FORMULA	C ₁₄ H ₁₅ N ₃
ATOMIC OR MOLECULAR WEIGHT	225.3
PROPERTIES	Strong mineral acids and oils; Insoluble in water.
PARAMETER	LIMIT
Description	Orange yellow powder.
Solubility	Soluble in alcohol.
pH Transition Range	pH 3.0 - 4.0 Pink -Brownish yellow
Absorption Maxima in ethanol	403 - 407 nm
Specific absorptivity A 1%/1cm (λ max; 0.005%; ethanol; calculated on dried substance)	1100 – 1300
Melting Range	110° - 115°C
MAXIMUM LIMIT OF IMPURITY	
Loss on drying	5.0%
Note(s) :Assay (if applicable) method mentioned.	
DANGER Hazard statements: Toxic if swallowed. May cause CANCER. May damage the unborn child Precautionary statements Prevention: Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response: If exposed or concerned: Get medical attention advice. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Disposal: Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 6.1/III UN No. 2811 IATA : 6.1
Hazard Pictogram(s) :	
<p>GHS05 GHS07</p>	

Replace Date 1 April 2023

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