



SDFCL

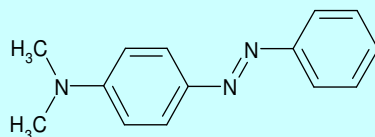
s d fine-CHEM LIMITED

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\PS\30037XPS.xls
PRODUCT CODE	30037
PRODUCT NAME	DIMETHYL YELLOW (pH INDICATOR)
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 Maximum λ_2 (pH 4.0)	455 - 460 nm
Absorption Maximum λ_1 (pH 3.0)	508 - 511 nm
Absorptivity (A1% / 1 cm at λ 403-407 nm in ethanol)	1200 - 1300
Melting Range	110° - 115°C
Loss on drying	Max. 5.0%
MAXIMUM LIMIT OF IMPURITIES	

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) :



Acute toxicity



Aspiration hazard

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.:02
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