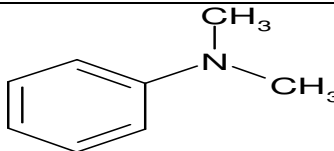




Product Specification

E Control	QC2\DATAD\DA\PS\20097XPS.xls
PRODUCT CODE	20097
PRODUCT NAME	NN-DIMETHYLANILINE AR
SYNONYMS	Dimethylaniline, N,N-Dimethylbenzenamine
C.I. NO.	N/A
CASR NO.	121-69-7
ATOMIC OR MOLECULAR FORMULA	C ₈ H ₁₁ N
ATOMIC OR MOLECULAR WEIGHT	121.18
PROPERTIES	Combustible



PARAMETER	LIMIT
Description	A clear oily liquid, colour not more than 150 APHA, when freshly distilled, turns to reddish brown colour on storage.
Solubility	Insoluble in water, freely soluble in chloroform, ether and alcohol.
Minimum assay (By GC)	99.5%
Wt. per ml at 20°C	0.954 - 0.958 g
Freezing Point	2.0 °C
Refractive Index (n) _D ²⁰	About 1.5581
Boiling Point	About 193 °C
MAXIMUM LIMIT OF IMPURITIES	
Aniline (By GC)	0.1%
N-Methyl-aniline (By GC)	0.1%
Hydrocarbons	Passes test.
Substances darkened by HCl	Passes test.
Iron (Fe)	0.0005%
Lead (Pb)	0.0005%
Zinc (Zn)	0.0005%
Water	0.10%

Note(s) : Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS : Combustible Liquid. Fatal if inhaled. Toxic in contact with skin. Toxic if swallowed. Causes mild skin irritation. Causes eye irritation. Suspected of causing cancer. Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS :

Prevention : Wear protective gloves/clothing. Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear respiratory protection. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Use explosion-proof electrical/ventilating/lighting/equipment. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Keep away from flames and hot surfaces.

IMDG Code : ---

UN No. : ---

IATA : ---

Response : If exposed or concerned: Get medical attention advice. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. Keep container tightly closed. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. In case of fire, use foam for extinction. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Remove/Take off immediately all contaminated clothing. Wash/Decontaminate removed clothing before reuse.

Disposal : The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.

Hazard pictogram(s) :



Acute toxicity



Aspiration hazard



Hazardous to the aquatic environment

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 30/08/2010
Date : 27/08/2010	Date : 27/08/2010	Date : 30/08/2010	AMEND NO. : P062