



Product Specification

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PRODUCT CODE	37337
PRODUCT NAME	BENZONITRILE LR
SYNONYMS	Phenyl cyanide
C.I. NO.	N/A
CASR NO.	100- 47- 0
ATOMIC OR MOLECULAR FORMULA	C ₇ H ₅ N
ATOMIC OR MOLECULAR WEIGHT	103.12
PROPERTIES	



PARAMETER	LIMIT
Description	Colourless oily liquid, almond like odour.
Solubility	1% Solution in hot water is clear & colourless.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	1.004 - 1.005 g

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

DANGER

HAZARD STATEMENTS : Combustible Liquid .Toxic if inhaled. Harmful in contact with skin. Harmful if swallowed. Causes mild skin irritation.

PRECAUTIONARY STATEMENTS

Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Wear protective gloves/clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from flames and hot surfaces. Avoid breathing dust/fume/gas/mist/vapours/spray.

Response :

Immediately call a POISON CENTER or doctor/physician. If skin irritation occurs, seek medical advice/attention. Keep container tightly closed. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water. In case of fire, use foam for extinction. Specific treatment: refer to Label or MSDS. Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal : 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. The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.

IMDG Code : 6.1/II
UN No. : 2224
IATA : 6.1

Hazard pictogram (s) :



Acute toxicity

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. : 09/08/2010
Date : 07/08/2010	Date : 07/08/2010	Date : 09/08/2010	AMEND NO. : P062