

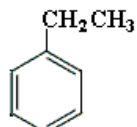


SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\DA\PS\38320\XPS.xls
PRODUCT CODE	38320
PRODUCT NAME	ETHYL BENZENE LR (For Synthesis)
SYNONYMS	Phenylethane
C.I. NO.	N/A
CASR NO.	100- 41- 4
ATOMIC OR MOLECULAR FORMULA	C ₈ H ₁₀
ATOMIC OR MOLECULAR WEIGHT	106.17
PROPERTIES	



PARAMETER	LIMIT
Description	Clear & colourless liquid.
Solubility	5% in ethanol is clear & colourless solution.
Identification (By FTIR)	Conforms
Minimum assay (By GC)	98.0%
Wt. per ml at 20°C	0.866 – 0.867 g
Refractive index (n) _D ²⁰	1.4950 – 1.4960

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if inhaled. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. Harmful to aquatic life.

PRECAUTIONARY STATEMENTS

Prevention : Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wash hands thoroughly after handling. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.

Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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

IMDG Code : 3/II
UN No. : 1175
IATA : 3

Hazard pictogram(s) :



Skin irritation

Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 21/02/2006
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
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