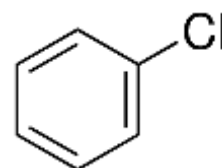


CHLORO BENZENE (IN-HOUSE GC STANDARD)

PRODUCT CODE	R09010
SYNONYMS	Mono chlorobenzene
C.I. NO.	N/A
CASR NO.	108-90-7
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₅ Cl
ATOMIC OR MOLECULAR WEIGHT	112.56
PROPERTIES	--



PARAMETER	LIMIT
Description	A clear liquid, not more than 10 Hazen units in colour.
Solubility	Miscible with methanol, forming clear and colourless solution.
Identification (by IR)	Passes test
Identification (by 1H NMR)	Passes test
Identification (by GCMS)	Passes test
Identification (by Mass)	Passes test
Minimum assay (by GC)	99.5%
Wt. per ml at 20°C	1.105 - 1.107 g
Refractive Index (n) _D ²⁰	1.523-1.525

MAXIMUM LIMIT OF IMPURITIES

Water	0.02%
Residue on evaporation	0.001%

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

WARNING

HAZARD STATEMENTS: Flammable liquid and vapour. Harmful if inhaled Harmful if swallowed. Toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

Prevention: Use only non-sparking tools. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Keep away from heat/sparks/open flame - No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Wear protective gloves and eye/face protection. Keep container tightly closed.

Response: Call a POISON CENTER or doctor/physician if you feel unwell. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower

Disposal: Allow to evaporate in safe open area (applicable for small quantities).The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.

IMDG Code : 3 / III
UN No. :1134
IATA : 3

Hazard Pictogram(s): --



GHS02



GHS07



GHS09