

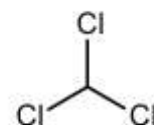


Product Specification

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CHLOROFORM (IN-HOUSE GC STANDARD)

PRODUCT CODE	R09200
SYNONYMS	Trichloromethane
C.I. NO.	N/A
CASR NO.	67-66-3
ATOMIC OR MOLECULAR FORMULA	CHCl ₃
ATOMIC OR MOLECULAR WEIGHT	119.38
PROPERTIES	Highly refractive, Pure chloroform is light sensitive.
PARAMETER	LIMIT
Description	A clear liquid with a characteristic odour, not more than 10 Hazen units in colour.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear colourless solution.
Identification (by IR)	Passes test
Identification (by ¹ H NMR)	Passes test
Identification (by GCMS)	Passes test
Identification (by Mass)	Passes test
Minimum assay (By GC) (excluding stabilizer)	99.8%
Wt. per ml at 20°C	1.474 - 1.478 g
Refractive index (n) _D ²⁰	1.444 - 1.445
MAXIMUM LIMIT OF IMPURITIES	
Water (by KF)	0.05%
Residue on evaporation	0.0005%
Note(s) : Assay (if applicable) method mentioned.	
DANGER Hazard statements : Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects Precautionary statements Prevention : Do not breathe dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Response : Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. 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. Wash/ Decontaminate removed clothing before reuse. Remove/ Take off immediately all contaminated clothing Disposal : Dispose of contents and container in accordance with relevant legislation.	
MDG Code : 6.1/II UN No. : 1888 IATA : 6.1	





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Hazard Pictogram(s) :



GHS06



GHS08