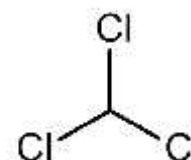


CHLOROFORM FOR MOLECULAR BIOLOGY

PRODUCT CODE	921400
SYNONYMS	--
C.I. NO.	--
CASR NO.	67-66-3
ATOMIC OR MOLECULAR FORMULA	CHCl₃
ATOMIC OR MOLECULAR WEIGHT	119.38
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
Description	A clear and colourless liquid having a characteristic odour.
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear colourless solution.
Minimum assay (GC)	99.80 %
Wt. per ml at 20°C	1.474 – 1.478 g.
Refractive index (n) ²⁰ _D	1.444 – 1.445
Boiling range	60.0 – 62.0°C

MAXIMUM LIMIT OF IMPURITIES

Water	0.01 %
Aldenide & Ketones	0.005%
Acidity (as HCl)	0.0005 %
Non volatile matter	0.0005 %
Free chlorine (Cl)	0.00002%
Ionised Chloride (Cl)	0.00002%
Substance Discoloured by H ₂ SO ₄	Passes test.
Suitability for use with dithizone	Passes test.
% T (Transmission) in a 1Cm cell v/s H ₂ O	
@245 nm	10
@250 nm	40
@255 nm	65
@260 nm	85
@270 nm	98
@280- 400 nm	99

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.

IMDG Code : -- 6.1 / III

UN No. : -- 1888

IATA : -- 6.1



Product Specification

cdhfinechemical.com

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) : -



GHS06



GHS08