



# Product Specification

cdhfinechemical.com

## CHLOROFORM FOR HPLC & SPECTROSCOPY

<b>PRODUCT CODE</b>	<b>715910</b>	
<b>SYNONYMS</b>	<b>N/A</b>	
<b>C.I. NO.</b>	<b>N/A</b>	
<b>CASR NO.</b>	<b>67-66-3</b>	
<b>ATOMIC ORMOLECULAR FORMULA</b>	<b>CHCl<sub>3</sub></b>	<b>CHCl<sub>3</sub></b>
<b>ATOMIC ORMOLECULAR WEIGHT</b>	<b>119.38</b>	
<b>PROPERTIES</b>	<b>Highly refractive, Pure chloroform is light sensitive.</b>	

<b>PARAMETER</b>	<b>LIMIT</b>	
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 (By GC)	99.0%	
Wt. per ml at 20°C	1.474 - 1.478 g	
Refractive Index (n) <sup>20</sup> / <sub>D</sub>	1.444 - 1.445	
Boiling Range (60.0 - 62.0°C)	Min. 95.0%	

<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Water	0.05%	
Acidity (as HCl)	0.0005%	
Non volatile matter	0.0005%	
Free chlorine	0.0005%	
Maximum absorbance in a 1.0 cm cell at :		
250 nm	0.5	
255 nm	0.3	
260 nm	0.1	
280 nm	0.01	
(UV Cut Off below 250 nm)		

<b>Note(s) : Assay (if applicable) method mentioned.</b>		
<b>DANGER</b> <b>HAZARD STATEMENTS :</b> May cause drowsiness and dizziness. Fatal if swallowed. Harmful in contact with skin. Causes skin irritation. Causes eye irritation. May cause CANCER. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure. <b>PRECAUTIONARY STATEMENTS :</b> <b>Prevention :</b> Obtain special instructions before use. Wash hands thoroughly after handling. Wear protective gloves/clothing. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. <b>Response :</b> Wash contaminated clothing before reuse. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Gently wash with plenty of soap and water. Get medical advice/attention if you feel unwell. Specific treatment: refer to Label or MSDS. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing.	IMDG Code : 6.1/III UN No. : 1888 IATA : 6	
<b>Disposal:</b> Allow to evaporate in safe open area (applicable for small quantities). Follow the instructions as per code no. 7, but transfer the waste to drums specifically designated for halogenated hydrocarbon solvents.		



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Hazard Pictogram(s) :-



GHS06



GHS08