



Product Specification

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PRODUCT CODE	22104		
PRODUCT NAME	CHLOROFORM FOR PESTICIDE RESIDUE TRACE ANALYSIS		
SYNONYMS	Trichloro methane		
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.		
<chem>ClC(Cl)Cl</chem>			
PARAMETER	LIMIT		
Description	A clear liquid and colourless liquid having a characteristic odour.		
Solubility	Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless solution.		
Minimum assay (By GC) Stabilised with ethanol	99.0%		
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	0.05%		
Non volatile matter	0.0005%		
Suitable for residue analysis	No impurities present which would show greater signals than 5 pg/ml of Lindane in the GC/ECD retention range of α-BHC to 4,4'-DDT		
Note(s) : Assay (if applicable) method mentioned.			
DANGER HAZARD STATEMENTS : 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. PRECAUTIONARY STATEMENTS : Prevention : 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. Response : 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. Disposal : Allow to evaporate in safe open area (applicable for small quantities). Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.			IMDG Code : 6.1/III UN No. : 1888 IATA : 6.1
Hazard pictogram(s) :			
 Acute toxicity  Aspiration hazard			
Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 11/04/2009
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01

Sign. :	Sign. :	Sign. :	Revision dt. : 01/09/2010
Date : 30/08/2010	Date : 30/08/2010	Date : 01/09/2010	AMEND NO. : P062