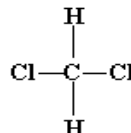




Product Specification

|                             |                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------|
| E Control                   | QC2\DATAD\DA\PS\22106XPS.xls                                                                        |
| PRODUCT CODE                | 22106                                                                                               |
| PRODUCT NAME                | DICHLOROMETHANE FOR PESTICIDE RESIDUE TRACE ANALYSIS                                                |
| SYNONYMS                    | Methylene chloride                                                                                  |
| C.I. NO.                    | N/A                                                                                                 |
| CASR NO.                    | 75-09-2                                                                                             |
| ATOMIC OR MOLECULAR FORMULA | CH <sub>2</sub> Cl <sub>2</sub>                                                                     |
| ATOMIC OR MOLECULAR WEIGHT  | 84.93                                                                                               |
| PROPERTIES                  | Nonflammable & nonexplosive in air. Toxic, on exposure to light/air tends to acquire yellow colour. |



| PARAMETER                                       | LIMIT                                                                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Description                                     | A clear colourless liquid.                                                                                                        |
| Solubility                                      | Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless solution.                             |
| Minimum assay (By GC)                           | 99.8%                                                                                                                             |
| Wt. per ml at 20°C                              | 1.323 - 1.325 g                                                                                                                   |
| Refractive Index (n) <sub>D</sub> <sup>20</sup> | 1.424-1.425                                                                                                                       |
| MAXIMUM LIMIT OF IMPURITIES                     |                                                                                                                                   |
| Water                                           | 0.02%                                                                                                                             |
| 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 a-BHC to 4.4'-DDT |

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <p><b>DANGER</b></p> <p><b>HAZARD STATEMENTS</b> : May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes eye irritation. Suspected of causing cancer. May damage fertility.</p> <p><b>PRECAUTIONARY STATEMENTS</b> :</p> <p><b>Prevention</b> : Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Obtain special instructions before use. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.</p> <p><b>Response</b> : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. Remove/Take off immediately all contaminated clothing. Specific treatment: refer to Label or MSDS. IF ON SKIN: Gently wash with plenty of soap and water. Wash/Decontaminate removed clothing before reuse.</p> <p><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 drum specifically designated for halogenated hydrocarbon solvents.</p> | <p>IMDG Code : 6.1/III</p> <p>UN No. : 1593</p> <p>IATA : 6.1</p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|

Hazard pictogram(s) :



Skin irritation 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          |