



Product Specification

DICHLOROMETHANE-d₂ FOR NMR SPECTROSCOPY

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|-----------------------------|---|
| PRODUCT CODE | D39663 |
| SYNONYMS | Methylene chloride |
| C.I. NO. | N/A |
| CASR NO. | (1665-00-5) |
| ATOMIC OR MOLECULAR FORMULA | CD ₂ Cl ₂ |
| ATOMIC OR MOLECULAR WEIGHT | 86.95 |
| PROPERTIES | Nonflammable & no explosive in air. Toxic, on exposure to light/air tends to acquire yellow colour. |

CD₂Cl₂

| PARAMETER | LIMIT |
|---|---|
| Description | A clear colourless liquid. |
| Solubility | Miscible with absolute industrial methylated spirit (methanol) forming a clear & colourless solution. |
| Purity | Min. 99.5 atom%D/10x0.75 ml |
| Wt per ml at 20°C | 1.323 - 1.325 g |
| Refractive Index (n) _D ²⁰ | 1.424 - 1.425 |
| Assay (KF- Coulometer) | 0.02% H ₂ O+D ₂ O |

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

HAZARD

HAZARD STATEMENTS : May cause respiratory irritation. Harmful if swallowed. Causes skin irritation. Causes eye irritation. Suspected of causing cancer. May damage fertility.

PRECAUTIONARY STATEMENTS

Prevention : 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.

Response : 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.

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. : 1593
IATA : 6.1

Hazard Pictogram(s) :



Skin irritation



Aspiration hazard