



Product Specification

cdhfinechemical.com

CARBO TECH AR/ACS



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|------------------------------------|------------------------|------------------------|
| PRODUCT CODE | 490010 | |
| SYNONYMS | -- | |
| C.I. NO. | -- | |
| CASR NO. | (56-23-5) | |
| ATOMIC OR MOLECULAR FORMULA | CCl₄ | CCl₄ |
| ATOMIC OR MOLECULAR WEIGHT | 153.82 | |
| PROPERTIES | -- | |

| PARAMETER | LIMIT |
|-----------------------------|--|
| Description | A clear liquid, not more than 10 Hazen units in colour, with a characteristic odour. |
| Solubility | Soluble in ethanol. |
| Minimum Assay (GC) | 99.5% |
| Wt. per ml at 20°C | 1.592-1.595 g |
| Boiling range (95%) | 76.0-77.0°C |
| Refractive index n_D^{20} | 1.460-1.461 |

| MAXIMUM LIMIT OF IMPURITIES | |
|--------------------------------------|----------|
| Water | 0.02% |
| Acidity (HCl) | 0.0002% |
| Evaporation residue | 0.001% |
| Ionised chloride (Cl) | 0.00006% |
| Free chloride (Cl) | 0.00003% |
| Carbon disulphide (CS ₂) | 0.001% |
| Iodine reducing substances (as HCHO) | 0.0002% |
| Iron (Fe) | 0.00001% |
| Heavy metals (Pb) | 0.00001% |
| Dichloromethane (GC) | 0.05% |
| Chloroform (GC) | 0.05% |
| Trichloroethylene (GC) | 0.05% |

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

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| <p>DANGER</p> <p>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</p> <p>Precautionary statements</p> <p>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.</p> <p>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</p> <p>Disposal: Dispose of contents and container in accordance with relevant legislation.</p> | <p>IMDG Code : 6.1/II</p> <p>UN No. : 1846</p> <p>IATA : 6.1</p> |
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| <p>Hazard Pictogram(s) :</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  GHS06 </div> <div style="text-align: center;">  GHS08 </div> </div> |
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Replace date : _7-March-2018