



# Product Specification

cdhfinechemical.com

## CARBO TECH FOR SYNTHESIS

PRODUCT CODE	044295	
SYNONYMS	Carbon Tetra Chloride	
C.I. NO.	--	
CASR NO.	(56-23-5)	
ATOMIC OR MOLECULAR FORMULA	CCl <sub>4</sub>	CCl <sub>4</sub>
ATOMIC OR MOLECULAR WEIGHT	153.82	
PROPERTIES	--	

<b>PARAMETER</b>	<b>LIMIT</b>	
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Description	A clear and colourless liquid with a characteristic odour.
Solubility	Miscible with alcohol, chloroform and benzene.
Minimum Assay (GC)	99.0%
Wt. per ml at 20°C	1.593-1.595 g
Boiling range (76.0-77.0°C)	Min. 95.0%
Refractive Index $n_D^{20}$	1.460-1.461

<b>MAXIMUM LIMIT OF IMPURITIES</b>	
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Acidity (HCl)	0.001%
Chlorine	0.00003%
Chloride (Cl)	0.0001%
Non-volatile matter	0.001%
Water	0.02%
Carbon disulphide (CS <sub>2</sub> )	Passes test

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

<b>DANGER</b> <b>Hazard statements :</b> 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 <b>Precautionary statements</b> <b>Prevention :</b> 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. <b>Response :</b> 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 <b>Disposal:</b> Dispose of contents and container in accordance with relevant legislation.	IMDG Code : 6.1/II UN No. : 1846 IATA :6.1
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**Hazard Pictogram(s) :**



GHS06



GHS08

Replace date 24-July-2024