



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 ₄
ATOMIC OR MOLECULAR WEIGHT	153.82
PROPERTIES	--

CCl₄

PARAMETER	LIMIT
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	1.592-1.595 g
Boiling range (76.0-77.0°C)	Min. 95.0%
Refractive Index n_D^{20}	1.460-1.461

MAXIMUM LIMIT OF IMPURITIES

Acidity (HCl)	0.001%
Chlorine	0.00003%
Chloride (Cl)	0.0001%
Non-volatile matter	0.002%
Water	0.02%
Carbon disulphide (CS ₂)	Passes test

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

DANGER 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 Precautionary statements 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. 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 Disposal : 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 25-Sep-2025