

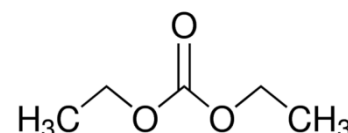


Product Specification

cdhfinechemical.com

DIETHYL CARBONATE FOR SYNTHESIS

PRODUCT CODE	071125
SYNONYMS	Carbonic acid diethyl ester
C.I. NO.	N/A
CASR NO.	105-58-8
ATOMIC OR MOLECULAR FORMULA	C₅H₁₀O₃
ATOMIC OR MOLECULAR WEIGHT	118.13
PROPERTIES	Combustible



PARAMETER	LIMIT
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Description	Clear and colourless to pale yellowish liquid approximately 50 Hazen units.
Solubility	Miscible with Methanol.
Minimum assay (By GC)	99.0%
Wt. per ml at 20°C	0.973 - 0.975 g
Refractive index (n) _D ²⁰	1.384 - 1.385

MAXIMUM LIMIT OF IMPURITY

Freeacid (HCl)	0.02%
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Note(s) : Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Flammable liquid and vapour. May damage the unborn child.

PRECAUTIONARY STATEMENTS :

Prevention : Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Use personal protective equipment as required. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Keep container tightly closed. Keep away from heat/sparks/open flame -No smoking. Wear protective gloves and eye/face protection. Use explosion-proof electrical/ventilating/lighting/equipment

Response : If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If exposed or concerned: Get medical attention advice. In case of fire, use foam for extinction.

IMDG Code : 3/III
UN No. : 2366
IATA : 3

Disposal : Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company

Hazard Pictogram(s) :



GHS02



GHS07



GHS08

Revised Date 06-03-2017