

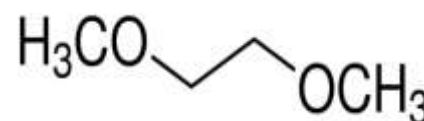


# Product Specification

cdhfinechemical.com

## 1,2-DIMETHOXY ETHANE

PRODUCT CODE	073805
SYNONYMS	Ethylene glycol dimethyl ether, monoglyme, dimethylglycol, mono-Glyme
C.I. NO.	--
CASR NO.	(110-71-4)
ATOMIC OR MOLECULAR FORMULA	C <sub>4</sub> H <sub>10</sub> O <sub>2</sub>
ATOMIC OR MOLECULAR WEIGHT	90.12
PROPERTIES	--



PARAMETER	LIMIT
Description	A clear & colourless liquid.
Minimum assay (GC)	99.0%
Wt. per ml at 20°C	0.866 - 0.868 g
Refractive index (n) <sub>D</sub> <sup>20</sup>	1.379 - 1.381
Boiling range	84 - 86°C

### MAXIMUM LIMIT OF IMPURITIES

Water	0.5%
Peroxide (as H <sub>2</sub> O <sub>2</sub> )	0.005%

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

### DANGER

**HAZARD STATEMENTS** : May cause respiratory irritation. Highly flammable liquid and vapour. Harmful if inhaled. May be harmful if swallowed. Causes eye irritation. May damage fertility. May damage the unborn child.

### PRECAUTIONARY STATEMENTS :

**Prevention** : Ground/bond container and receiving equipment. Do not handle until all safety precautions have been read and understood. Use only nonsparking tools. Wash hands thoroughly after handling. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Keep container tightly closed. Use personal protective equipment as required. Keep away from heat/sparks/open flame - No smoking. Take precautionary measures against static discharge. Use explosion proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.

**Response** : If exposed or concerned: Get medical attention advice. If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

IMDG Code : - 3/II  
UN No. : - 2252  
IATA : - 3

Disposal: ---

Hazard Pictogram(s) :



GHS02



GHS07



GHS08