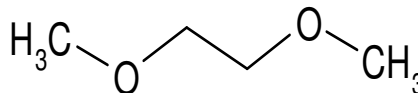




Product Specification

E Control	QC2\DATAD\DI\PS\38184\XPS.xls
PRODUCT CODE	38184
PRODUCT NAME	1,2-DIMETHOXYETHANE LR (for synthesis)
SYNONYMS	ethylene glycol dimethyl ether, monoglyme
C.I. NO.	N/A
CASR NO.	110-71-4
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₁₀ O ₂
ATOMIC OR MOLECULAR WEIGHT	90.12
PROPERTIES	



PARAMETER	LIMIT
Description	A clear & colourless liquid.
Identification (IR Spectrum)	Passes test.
Minimum assay (By GC)	99.0%
Wt.per ml at 20 °C	0.866 – 0.868 g
Refractive index (n) _D ²⁰	1.379 – 1.380
MAXIMUM LIMIT OF IMPURITIES	
Water	0.5%
Peroxides (as H ₂ O ₂)	0.005%

(Stabilized with BHT (~ 100 ppm))

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 non-sparking 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) :



Skin irritation

Flammable liquids

Aspiration hazard

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 08/06/2002
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 16/08/2010
Date : 13/08/2010	Date : 13/08/2010	Date : 16/08/2010	AMEND NO. : P062