



SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\38140XPS.xls
PRODUCT CODE	38140
PRODUCT NAME	DIETHYL OXALATE LR (for synthesis)
SYNONYMS	Ethyl oxalate; Oxalic acid ethylester
C.I. NO.	N/A
CASR NO.	95-92-1
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₀ O ₄
ATOMIC OR MOLECULAR WEIGHT	146.14
PROPERTIES	Combustible



PARAMETER	LIMIT
Description	Colourless oily liquid.
Solubility	Miscible in alcohol.
Minimum assay(By GC)	99.0%
Wt. per ml at 20°C	1.078 - 1.079 g
Refractive Index(n) _D ²⁰	1.4095 - 1.4110
Note(s) : Assay (if applicable) method mentioned.	

WARNING

HAZARD STATEMENTS : May cause respiratory irritation. Combustible Liquid. Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. Suspected of damaging fertility.

PRECAUTIONARY STATEMENTS :

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required.

IMDG Code :6.1/III

UN No. :2525

IATA :6.1

Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/ attention. Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

Disposal : 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(s) :



Skin irritation Aspiration hazard

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No.: 02
Sign. :	Sign. :	Sign. :	Revision dt. : 19/07/2010
Date : 17/07/2010	Date : 17/07/2010	Date : 19/07/2010	AMEND NO. : P062