



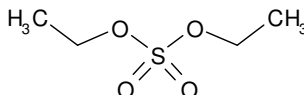
SDFCL
s d fine-chem limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DI\PS\38144XPS.xls
PRODUCT CODE	38144
PRODUCT NAME	DIETHYL SULPHATE LR
SYNONYMS	Ethyl sulphate, Sulphuric acid diethyl ester
C.I. NO.	N/A
CASR NO.	64- 67- 5
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₁₀ SO ₄
ATOMIC OR MOLECULAR WEIGHT	154.19
PROPERTIES	Rapidly decompose by hot water into monoethyl sulfate & alcohol, combustible.



PARAMETER	LIMIT
Description	Clear & colourless to almost colourless liquid; colour not more than 20 HU.
Solubility	Soluble in alcohol & ether.
Identification	By FTIR Spectrum.
Minimum assay (BY GC)	98.0%
Wt. per ml at 20°C	1.176 - 1.178 g
Refractive Index(n) _D ²⁰	About 1.400
Note(s) : Assay (if applicable) method mentioned.	

DANGER

HAZARD STATEMENTS : Combustible Liquid. Harmful if inhaled. Harmful in contact with skin. Harmful if swallowed. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled. May cause genetic defects. May cause CANCER. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS :

Prevention : Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/clothing and eye/face protection. Wear protective gloves/clothing. Use only outdoors or in a well ventilated area. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Obtain special instructions before use. Do not breathe dust or mist. In case of inadequate ventilation wear respiratory protection. Keep away from flames and hot surfaces. Use explosion-proof electrical/ventilating/ lighting/equipment. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Response : IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Wash contaminated clothing before reuse. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. IF ON SKIN: Gently wash with plenty of soap and water. If exposed or concerned: Get medical attention advice. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Specific treatment: refer to Label or MSDS. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician.

Disposal: The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. The chemical waste should be collected by specialized disposal company.

IMDG Code : 6.1/II
UN No. : 1594
IATA : 6.1

Hazard pictogram(s) :



Aspiration hazard



Corrosive to metals



Aspiration hazard



Corrosive to metals

Prepared By : VINOD PATEL Name/Dept. : Officer (Q.A.) Sign. : Date : 03/08/2010	Checked By: RAJU VYAS Name/Dept.:Incharge(Q.A.) Sign. : Date : 03/08/2010	Approved By: S.S.TOLIA Name/Dept. : Incharge (Tech.) Sign. : Date : 05/08/2010	Issue Date : 01/07/2002 Revision No.: 02 Revision dt. : 05/08/2010 AMEND NO. : P062
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