



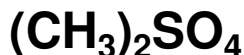
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Quality Control Dept.

Product Specification

E Control	QC2\DATAD\D:\PS\38214XPS.xls
PRODUCT CODE	38214
PRODUCT NAME	DIMETHYL SULPHATE LR (for synthesis)
SYNONYMS	Sulfuric acid dimethyl ester
C.I. NO.	N/A
CASR NO.	77-78-1
ATOMIC OR MOLECULAR FORMULA	C ₂ H ₆ O ₄ S
ATOMIC OR MOLECULAR WEIGHT	126.13
PROPERTIES	Hydrolysis is rapid at or above 18°C. Combustible.



PARAMETER	LIMIT
Description	Colourless or almost colourless oily liquid.
Solubility	Miscible in alcohol, acetone, ether.
Minimum assay(By GC)	99.0%
Wt.per ml at 20°C	1.32 - 1.33 g
Refractive Index(n) _D ²⁰	1.386 - 1.388
Sulphuric Acid	Not more than 1.0%

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

DANGER

HAZARD STATEMENTS : Combustible Liquid. Fatal if inhaled. Toxic if swallowed. May cause allergic skin reaction. 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 respiratory protection. Do not breathe dust/fume/gas/mist/vapours/spray. 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. Contaminated clothing should not be allowed out of the workplace. Keep away from flames and hot surfaces. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use explosion-proof electrical/ventilating/ lighting/equipment.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep container tightly closed. If skin irritation or rash occurs, seek medical advice/attention. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. if exposed or concerned: Get medical attention advice. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. Immediately call a POISON CENTER or doctor/physician. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Immediately 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/I
UN No. : 1595
IATA : 6.1

Hazard pictogram(s) :



Acute toxicity Aspiration hazard Corrosive to metals

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. : 05/08/2010
Date : 03/08/2010	Date : 03/08/2010	Date : 05/08/2010	AMEND NO. : P062