



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\DA\PS\20835XPS.xls
PRODUCT CODE	20835
PRODUCT NAME	METHYL ACETATE AR
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	79-20-9
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₆ O ₂
ATOMIC OR MOLECULAR WEIGHT	74.08
PROPERTIES	
<chem>CC(=O)OC</chem>	
PARAMETER	LIMIT
Description	A clear & colourless liquid.
Solubility	Miscible with water.
Minimum assay (By GC)	99.5%
Wt. per ml at 20 °C	About 0.934 g
Refractive index(n) _D ²⁰	About 1.362
Boiling point	56 ° - 58 °C
MAXIMUM LIMIT OF IMPURITIES	
Water	0.1%
Residue on evaporation	0.001%
Ethyl acetate (GC)	0.1%
Methanol (GC)	0.5%
Sub. darkened by H ₂ SO ₄	In accordance
Free acid (CH ₃ COOH)	0.005%
Aluminium (Al)	0.00005%
Barium (Ba)	0.00001%
Bismuth (Bi)	0.00001%
Calcium (Ca)	0.00005%
Cadmium (Cd)	0.000005%
Cobalt (Co)	0.000002%
Chromium (Cr)	0.000002%
Copper (Cu)	0.000002%
Iron (Fe)	0.00001%
Lithium (Li)	0.00001%
Magnesium (Mg)	0.00001%
Manganese (Mn)	0.000002%
Molybdenum (Mo)	0.00001%
Nickel (Ni)	0.000002%
Lead (Pb)	0.00001%
Strontium (Sr)	0.00001%
Zinc (Zn)	0.00001%
Potassium (K)	0.00005%
Sodium (Na)	0.00005%
Note(s) : Assay (if applicable) method mentioned.	
DANGER	
IMDG Code : 3/II	

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

PRECAUTIONARY STATEMENTS :

Prevention : Use only non-sparking tools. Take precautionary measures against static discharge. Wash hands thoroughly after handling. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection.

Response : If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Wear eye/face protection. If eye irritation persists, get medical advice/attention. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Disposal : Allow to evaporate in safe open area (applicable for small quantities). 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.

UN No. : 1231 IATA : 3

Hazard pictogram(s) :



Skin irritation Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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