



SDFCL

s d fine-CHEM LIMITED

Quality Control Dept.



Product Specification

E Control	QC2\DATAD\ID\IPS\20108XPS.xls
PRODUCT CODE	20108
PRODUCT NAME	ETHYL ACETATE AR, ACS
SYNONYMS	N/A
C.I. NO.	N/A
CASR NO.	141-78-6
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₈ O ₂
ATOMIC OR MOLECULAR WEIGHT	88.11
PROPERTIES	



PARAMETER	LIMIT
Description	A clear liquid, not more than 10 Hazen units in colour, with characteristic odour.
Solubility	Miscible with absolute industrial methylated spirit & with diethyl ether forming a clear colourless solution.
Minimum assay (GC)	99.5%
Wt.per ml at 20°C	0.899 - 0.901 g
Refractive Index (n) _D ²⁰	1.372 - 1.373
Boiling Range (76.5 - 77.5° C)	Min. 95.0%
MAXIMUM LIMIT OF IMPURITIES	
Water	0.05%
Acidity (CH ₃ COOH)	0.005%
Non volatile matter	0.001%
Copper (Cu)	0.000002%
Iron (Fe)	0.00001%
Lead (Pb)	0.00001%
Ethanol (GC)	0.1%
Methanol (GC)	0.1%
Methyl acetate (GC)	0.1%
Organic Impurities	Passes test
Benzene content (C ₆ H ₆) (By GCHS)	2 ppm w/v

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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. May be harmful if swallowed. 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.

IMDG Code : 3/II

UN No. : 1173

IATA : 3

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

Hazard pictogram(s) :



Skin irritation



Flammable liquids

Prepared By : Asmita Thakkar	Checked By : K.B.Desai	Approved By: S.S.TOLIA	Issue Date : 01/07/2002
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