



Product Specification

E Control	QC2\DATAD\DA\PS\38312XPS.xls		
PRODUCT CODE	38312		
PRODUCT NAME	ETHYL ACETOACETATE (for synthesis)		
SYNONYMS	Diacetic ester, Acetoacetic ester		
C.I. NO.	N/A		
CASR NO.	141-97-9		
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₁₀ O ₃		
ATOMIC OR MOLECULAR WEIGHT	130.14		
PROPERTIES	Combustible		
<chem>CC(=O)CC(=O)OCC</chem>			
PARAMETER	LIMIT		
Description	Clear & colourless liquid.		
Solubility	Miscible with alcohol.		
Minimum assay (By GC)	97.0%		
Wt.per ml at 20 °C	1.025 - 1.030 g		
Refractive Index (n) _D ²⁰	1.4185 - 1.4195		
MAXIMUM LIMIT OF IMPURITIES			
Non volatile matter	0.01%		
Note(s) : Assay (if applicable) method mentioned.			
DANGER HAZARD STATEMENTS : May cause respiratory irritation. May cause drowsiness or dizziness. Combustible Liquid. May be harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye damage. PRECAUTIONARY STATEMENTS : Prevention : Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response : IF SWALLOWED: 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Do NOT induce vomiting.		IMDG Code : --- UN No. : --- IATA : ---	
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) :   Aspiration hazard Corrosive to metals			
Prepared By : DINESH	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. : 03
Sign. :	Sign. :	Sign. :	Revision dt. : 28/08/2010
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