

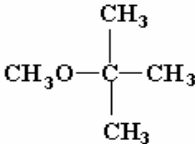


SDFCL
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Quality Control Dept.

Product Specification



E Control	QC2\DATAD\D:\PS\25317XPS.xls		
PRODUCT CODE	25317		
PRODUCT NAME	TERT-BUTYL METHYL ETHER FOR HPLC ≥ 99.8% (GC)		
SYNONYMS	N/A		
C.I. NO.	N/A		
CASR NO.	1634-04-4		
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₁₂ O		
ATOMIC OR MOLECULAR WEIGHT	88.15		
PROPERTIES	Unstable in acid solution.		
			
PARAMETER	LIMIT		
Description	Clear & colourless liquid.		
Minimum assay (By GC)	99.8%		
Wt per ml at 20 °C	About 0.740 g		
Refractive index (n) _D ²⁰	About 1.369		
Boiling point	About 55 °C		
MAXIMUM LIMIT OF IMPURITIES			
Water	0.05%		
Residue on evaporation	0.001%		
Acidity	0.0003 meq/g		
Alkalinity	0.0002 meq/g		
Absorbance (1 cm cell)	1.0		
at 220 nm	0.1		
250 nm	0.01		
280 nm			
Note(s) : Assay (if applicable) method mentioned.			
DANGER HAZARD STATEMETNS : May cause respiratory irritation. Highly flammable liquid and vapour. Causes skin irritation. Causes eve irritation. PRECAUTIONARY STATEMENTS : Prevention : Use only non-sparking tools. Take precautionary measures against static discharge Ground/bond container and receiving equipment. Wash thoroughly after handling. Wash hands thoroughly after handling. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection. Response : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF ON SKIN: Gently wash with plenty of soap and water. If on skin or hair:remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing. Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.			IMDG Code : 3/II UN No. : 2398 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

Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
Sign. :	Sign. :	Sign. :	Revision dt. : 13/08/2010
Date : 11/08/2010	Date : 11/08/2010	Date : 13/08/2010	AMEND NO. : P062