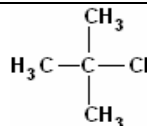




Product Specification

E Control	QC2\DATAD\PS\37717XPS.xls
PRODUCT CODE	37717
PRODUCT NAME	2-CHLORO-2-METHYLPROPANE LR (For synthesis)
SYNONYMS	tert-Butyl chloride, Trimethyl chloromethane
C.I. NO.	N/A
CASR NO.	507-20-0
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₉ Cl
ATOMIC OR MOLECULAR WEIGHT	92.57
PROPERTIES	



PARAMETER	LIMIT
Description	Clear & colourless liquid.
Solubility	5% ethanol is clear & colourless soln..
Minimum assay (By GC)	98.0%
Specific gravity (at 20 °C)	0.842 – 0.844 g
Refractive index (n) _D ²⁰	1.3848 – 1.3850
Boiling point (50 – 52 °C)	Min. 95%

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

DANGER HAZARD STATEMENTS : May cause drowsiness and dizziness. Highly flammable liquid and vapour. PRECAUTIONARY STATEMENTS : Prevention : Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Ground/bond container and receiving equipment. Use only non-sparking tools. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Wear protective gloves and eye/face protection. Response : In case of fire, use foam for extinction. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Disposal : The chemical should be mixed with combustible solvent and burnt in a chemical incinerator equipped with burner and scrubber.	IMDG Code : 3/II UN No. : 1127 IATA : 3
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Hazard pictogram(s) :



Skin irritation Flammable liquids

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 23/09/2005
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