

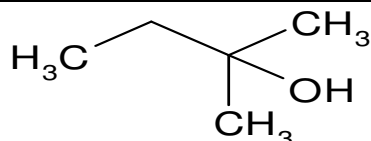


SDFCL
s d fine-chem limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\37214XPS.xls
PRODUCT CODE	37214
PRODUCT NAME	TERT-AMYL ALCOHOL LR (For Synthesis)
SYNONYMS	2-Methyl-2-butanol, tert-Pentyl alcohol, Dimethylethyl carbinol
C.I. NO.	N/A
CASR NO.	75-85-4
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₁₂ O
ATOMIC OR MOLECULAR WEIGHT	88.15
PROPERTIES	



PARAMETER	LIMIT
Description	Clear & colourless liquid. (20 APHA max.)
Solubility	5% solution in water is clear & colourless.
Minimum assay (By GC)	98.0%
Wt. per ml at 20°C	0.808 – 0.812 g
Refractive index (n) _D ²⁰	1.404 – 1.406
Boiling range (100-103°C)	Min.95%

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

DANGER

HAZARD STATEMENTS : May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause drowsiness and dizziness. Highly flammable liquid and vapour. Harmful if swallowed. Harmful if inhaled. Causes skin irritation. Suspected of damaging the unborn child.

PRECAUTIONARY STATEMENTS :

Prevention : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Ground/bond container and receiving equipment. Wash thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapours/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only non-sparking tools. Use personal protective equipment as required. Keep container tightly closed. Keep away from heat/sparks/open flame - No smoking. Use only outdoors or in a well ventilated area. Take precautionary measures against static discharge. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.

Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Gently wash with plenty of soap and water. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If exposed or concerned: Get medical attention advice. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing. Call a POISON CENTER or doctor/physician if you feel unwell.

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. : 1105 IATA
: 3

Hazard pictogram(s) :



Aspiration hazard Skin irritation Flammable liquids

Prepared By : DINESH	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 23/04/2005
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