



SDFCL
s d fine-CHEM limited

Quality Control Dept.

Product Specification



E Control	QC2\DATAD\ID\PS\37700XPS.xls
PRODUCT CODE	37700
PRODUCT NAME	1-CHLOROBUTANE LR (for Synthesis)
SYNONYMS	Butyl chloride
C.I. NO.	N/A
CASR NO.	106-69-3
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₉ Cl
ATOMIC OR MOLECULAR WEIGHT	92.57
PROPERTIES	



PARAMETER	LIMIT
Description	A clear and colourless liquid.
Solubility	5% In ethanol is clear and colourless solution.
Identity (By IR)	Conforms
Wt. per ml at 20 °C	0.882 - 0.886 g
Refractive Index (n) _D ²⁰	Abt. 1.402
Boiling Point (Min 95%)	77 - 79 °C
Minimum Assay (By GC)	98.0%

Note(s) : Assay by Gas chromatography method

DANGER:

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

Response : If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. In case of fire, use foam for extinction.

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

Hazard pictogram(s) :



Skin irritation



Flammable liquids

Prepared By : VINOD PATEL	Checked By: RAJU VYAS	Approved By: S.S.TOLIA	Issue Date : 27/12/2005
Name/Dept. : Officer (Q.A.)	Name/Dept. :Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 01
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