



Product Specification

cdhfinechemical.com

N-BUTYL CHLORIDE FOR SYNTHESIS

PRODUCT CODE	033155
SYNOMYS	(1-Chloro Butane)
C.I. NO.	--
CASR NO.	(109-69-3)
ATOMIC OR MOLECULAR FORMULA	C₄H₉Cl
ATOMIC OR MOLECULAR WEIGHT	92.57
PROPERTIES	--
PARAMETER	LIMIT
Description	A clear and colourless liquid.
Solubility	5% in ethanol is clear and colourless solution.
Minimum assay (By GC)	98.0%
Wt per ml (at 20°C)	0.885 – 0.887 g
Boiling range	77-78°C
Refractive index (n) ²⁰ D	About 1.402
Note(s): Assay (if applicable) method mentioned.	
WARNING HAZARD STATEMENTS: Flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation. PRECAUTIONARY STATEMENTS : Prevention: Ground/bond container and receiving equipment. Use only non sparking tools. Take precautionary Measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. 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 eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. 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: 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.	IMDG Code :3 / II UN No. : 1127 IATA : 3
Hazard Pictogram(s) :	 GHS02  GHS08

Replace Date 01-Jan-2026