

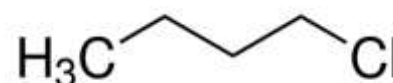


Product Specification

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1-CHLORO BUTANE FOR HPLC

PRODUCT CODE	714900
SYNONYMS	n-butyl chloride
C.I. NO.	--
CASR NO.	(109-69-3)
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₉ Cl
ATOMIC OR MOLECULAR WEIGHT	92.57
PROPERTIES	--



PARAMETER	LIMIT
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Description	A clear and colourless liquid.
Solubility	5% solution in ethanol is clear and colourless solution.
Minimum assay (GC)	99.80%
Wt. per ml at 20°C	0.882 – 0.886 g
Boiling range	77 – 78°C
Refractive index (n) _D ²⁰	Abt. 1.402

MAXIMUM LIMIT OF IMPURITIES

Residue on evaporation	0.001%
Water	0.01%
Acidity (as HCl)	0.001%
Alkalinity (as NH ₃)	0.0002%
UV transmission at	
230 nm	65% min.
240 nm	95% min.
250 nm	98% min.

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

DANGER

Hazard statements : Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. May cause damage to organs through prolonged or repeated exposure. Harmful to aquatic life with long lasting effects

Precautionary statements

Prevention : Do not breathe dust/fume/gas/mist/vapour/spray. Wear protective gloves/clothing. Avoid breathing dust/fume/gas/mist/vapour/spray. Use only outdoors or in a well ventilated area. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.

Response : Get medical advice/attention if you feel unwell. Immediately call a POISON CENTER or doctor/physician. IF ON SKIN: Gently wash with plenty of soap and water. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Keep container tightly closed. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Specific treatment: refer to Label or MSDS. Wash/Decontaminate removed clothing before reuse. Remove/Take off immediately all contaminated clothing

IMDG Code : 3/II
UN No. : 1127
IATA : 3

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS06



GHS08

Replace date :- 29-March-2018