



Product Specification

cdhfinechemical.com

4-CHLORO-1-BUTANOL

PRODUCT CODE	048795
SYNONYMS	Tetramethylene chlorohydrin
C.I. NO.	--
CASR NO.	928-51-8
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₉ ClO
ATOMIC OR MOLECULAR WEIGHT	108.57
PROPERTIES	Store at 2-8°C



PARAMETER	LIMIT
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Description	Clear colorless to pale yellow or pale pink liquid
Minimum assay (by GC)	80.0%
Refractive index (20°C; 589 nm)	1.4510-1.4630

MAXIMUM LIMIT OF IMPURITY

Free acid (as HCl)	6.0%
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Note(s) : Assay (if applicable) method mentioned.

HAZARD STATMENTS : Flammable liquid and vapour. Causes mild irritation. Cause serious eye irritation. Harmful if swallowed. May cause allergic or asthmatic symptoms or breathing difficulties if inhaled . May cause allergic skin reaction . May be corrosive to metals. Causes severe skin burns and eye damage. PRECAUTIONARY STATEMENTS : Prevention : Do not breathe dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves/clothing. Do not breathe dust or mist. In case of inadequate ventilation wear respiratory protection. Contaminated clothing should not be allowed out of the workplace. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Take precautionary measures against static discharge. 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 alcohol-type foam for extinction. Wash contaminated clothing before reuse. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. If experiencing respiratory symptoms call a POISON CENTER or doctor/physician. Absorb spillage to prevent material damage. If skin irritation or rash 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: Rinse mouth. Do NOT induce vomiting. IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. IF ON SKIN: Gently wash with plenty of soap and water. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Specific treatment: refer to Label or MSDS.	IMDG Code : 3,8/III UN No. : 2924 IATA : 8
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Disposal : Add a little at a time (2 to 5g) to a large volume of water. After the reaction or solution is complete, allow it to run to normal waste, diluting with large amount of water. Any sand used to cover spillage should be thoroughly washed with water before disposal as normal waste.

Hazard Pictogram(s) :



GHS02

GHS05

GHS07

GHS08