

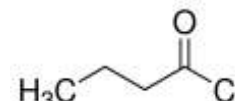


Product Specification

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BUTYRYL CHLORIDE FOR SYNTHESIS

PRODUCT CODE	035705
SYNONYMS	Butyric acid chloride
C.I. NO.	--
CASR NO.	(141-75-3)
ATOMIC OR MOLECULAR FORMULA	C ₄ H ₇ ClO
ATOMIC OR MOLECULAR WEIGHT	106.55
PROPERTIES	--
PARAMETER	LIMIT
Solubility	Miscible with ether.
Minimum assay	99.0%
Wt per ml at 20°C	1.018-1.028g
Refractive Index (n) ²⁰ _D	1.4100-1.4140
Boiling range	100-102 °C



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

DANGER

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HAZARD STATEMENTS : Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. May be harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. . Causes serious eye damage. Harmful to aquatic life.

PRECAUTIONARY STATEMENTS :

Prevention : Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Keep only in original container. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

IMDG Code : 8(3)/II

UN No. : 2353

IATA : 8(3)

Disposal : Add in small quantities to large, stirred excess of water, keeping the final concentration less than 2%. Neutralize with 5% sodium hydroxide soln. and run to waste with large quantities of running water

Hazard pictogram(s) :



GHS02



GHS05

Replace Date 04-Sep-2024