

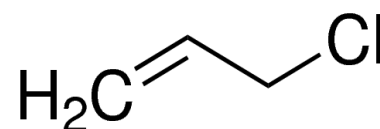


Product Specification

cdhfinechemical.com

ALLYL CHLORIDE FOR SYNTHESIS

PRODUCT CODE	004605
SYNONYMS	3-Chloropropylene
C.I. NO.	N/A
CASR NO.	107-05-1
ATOMIC OR MOLECULAR FORMULA	C ₃ H ₅ Cl
ATOMIC OR MOLECULAR WEIGHT	76.53
PROPERTIES	Unpleasant, pungent odour.
PARAMETER	LIMIT
Description	A clear colourless to pale yellow liquid.
Solubility	Slightly soluble with water. Miscible with alcohol forming clear & colourless solution.
Minimum assay (By GC)	98.0%
Wt.per ml at 20°C	0.930 - 0.940 g
Refractive index (n) ²⁰ _D	1.414 - 1.415
Boiling range	44 - 48°C



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

DANGER

HAZARD STATEMENTS : May cause respiratory irritation. Highly flammable liquid and vapour. Toxic if inhaled. Harmful if swallowed. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause genetic defects. Suspected of causing cancer. May damage the unborn child. May cause damage to organs through prolonged or repeated exposure by inhalation. Very toxic to aquatic life.

PRECAUTIONARY STATEMENTS : Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. 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. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Avoid release to the environment. Wear protective equipment as required.

Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. 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. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Get medical advice/attention if you feel unwell. Rinse mouth. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage

Disposal : The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. Follow the instructions as per code no. 7, but transfer the waste to drum specifically designated for halogenated hydrocarbon solvents.

IMDG Code : 3/I
UN No. : 1100
IATA : 3

Hazard Pictogram(s) :



GHS02



GHS06



GHS08



GHS09

Replace Date 29-May-2023