

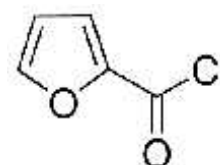


Product Specification

cdhfinechemical.com

2-FUROYL CHLORIDE FOR SYNTHESIS

PRODUCT CODE	097335
SYNONYMS	Furan-2-carbonyl chloride
C.I. NO.	--
CASR NO.	527-69-5
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₃ ClO ₂
ATOMIC OR MOLECULAR WEIGHT	130.53
PROPERTIES	Strong irritant to eyes and skin. Combustible. Powerful lachrymator.



PARAMETER	LIMIT
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Description	Clear & colourless to yellow liquid.
Minimum assay (By GC)	98.0%
Wt. per ml at 20°C	1.323 – 1.325 g

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

DANGER

HAZARD STATEMENTS : Combustible Liquid. May be corrosive to metals. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS

Prevention : Keep away from flames and hot surfaces. Do not breathe dust or mist. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling. Use explosion-proof electrical/ventilating/lighting/equipment.

Response : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of fire, use foam for extinction. Absorb spillage to prevent material damage. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Specific treatment: refer to Label or MSDS..

IMDG Code : 8/II
UN No. : 3265
IATA : 8

Disposal : Allow to evaporate in safe open area (applicable for small quantities). Acid halides should be neutralized by adding dropwise to an excess of methanol to convert them into corresponding methyl esters. Few drops of hydrochloric acid can be added to accelerate the reaction. Neutralize with 5% sodium hydroxide solution till pH is alkaline and run to waste with large volumes of running water. If original quantity is small. In case of comparatively large quantity, final solution may be stored in a container and disposed off.



GHS05