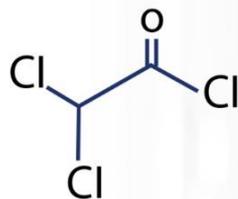


DICHLOROACETYL CHLORIDE



PRODUCT IN FOCUS



Dichloroacetyl Chloride

INTRODUCTION

Dichloroacetyl chloride, acronymed DCAC, is an organic solvent that belongs to the category of acid chlorides. Its uses include manufacture of APIs, agrochemicals, and a series of intermediates. It is also applied in synthesis of biologically active compounds.

Manufacture

It is commercially manufactured by chlorination of dichloroacetic acid with chlorosulphonic acid.

Applications

API

DCAC is a KRM in manufacture of:

- Chloramphenicol, an antibiotic

Intermediates

The acid chloride is used in manufacture of intermediates such as:

- 4-Methyltroplone
- 4'-Hydroxy-3'-methoxyacetophenone
- (RS)-3-Dichloroacetyl-5-(2-furanyl)-2,2-dimethyl-1,3-oxazolidine
- Tetrachloroacetyl chloride

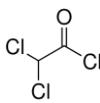
Agrochemicals

Dichloroacetyl chlorides is used in production of various agrochemicals such as:

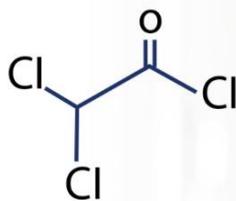
- Tetrachlorovinphos, an insecticide
- Heptenophos, also an insecticide
- Benoxocar, a herbicide
- Flurochloridon, also a herbicide

Others:

- In protection of oxindoles
- In synthesis of substituted benzothiazoles
- In synthesis of biologically active compounds like hormones and enzymes

Synonym	DCAC alpha,alpha-Dichloroacetyl chloride
CAS no.	79-36-7
EINECS no.	201-199-9
Molecular formula	C ₂ HCl ₃ O
Molecular weight	147.39
Structure	

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SPECIFICATIONS

Test	Unit	Specifications
Appearance	-	Colourless liquid
Identification by IR	-	Should conform to the reference standard
Boiling Range	°C	107.0 – 108.0
Assay	%	Min 98.0

STORAGE

Stored at ambient temperature

PACKING

250 kg UN-approved Composite drum

REACH Status

Not registered

ExSyn offers dichloroacetyl chloride on commercial scales and welcomes enquiries. No matter the quantity you need, our exceptional quality and service will make ExSyn your supplier of choice! If you need any additional information or SDS, please contact us.