

HUNIG'S BASE

N,N-Diisopropylethylamine

CAS. No. 7087-68-5

The preferred auxiliary reagent in organic synthesis



CHEMICALS

Local service, global reach

Hunig's Base

N,N-Diisopropylethylamine

The preferred auxiliary reagent in organic synthesis

- Manufactured in a dedicated facility at Huddersfield, UK
- Site operates to ISO9001:2000 and ISO14001
- World's leading producer
- Recognised high purity product
- Standard pack sizes include 18kg, 37.5kg and 150kg drums and isotanks. Other pack sizes available on request
- Strategic stocks held globally to service customer needs

	SPECIFICATION	TYPICAL ANALYSIS
GC Assay	99.70%	99.80%
Diisopropylamine	0.20%	0.10%
Total organic by products	0.30%	0.20%
Residue on evaporation	0.20%	0.10%
Water content	0.10%	0.05%
Appearance	Colourless to pale yellow liquid	Pale yellow liquid

MAIN APPLICATIONS

Alkylation Reactions	$R-X+R'-Y-H \rightarrow R'-Y-R+HX$
Elimination reactions	$R-CH_2-CH-R' \xrightarrow{X} R-CH=CH-R'+HX$
Acylation Reactions	$RCOX+R'-Y-H \rightarrow RCO-Y-R'+HX$
Peptide Synthesis Reagent	
Esterification	
Trans Esterification	

KEY PROPERTIES

- Non nucleophilic
- Low water content
- Recyclable
- Excellent acid scavenger
- Reduced side reactions
- Improved yields
- Replaces Triethylamine and Dimethyl Aniline

ENVIRONMENTALLY FRIENDLY

Hunig's base is non – miscible with water and can easily be recovered from waste streams and recycled.

Full recycling process details are available under licence.

Whyte Chemicals can offer technical assistance and a full Recovery/Recycle service.



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N,N-Diisopropylethylamine



Whyte Chemicals are pleased to offer the reagent of choice when an acid scavenger is required.

BENEFITS INCLUDE:

- High purity
- Low water content
- Low environmental impact
- UK manufactured
- Readily recyclable
- Non nucleophilic

TYPICAL ANALYSIS:

GC ASSAY	99.8%
WATER	0.05%

Whyte Chemicals can offer contract synthesis, involving Hunigs base if required, on our fine chemicals unit.

A further range of Alkyl Amines are available including:

- N,N,N',N',-Tetramethylethylenediamine
- N,N'-Dibenzylethylenediamine diacetate
- N,N-Dimethylethylene Diamine
- N,N'-Diisopropylethylene Diamine



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