

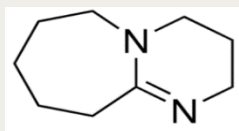
## Technical Information

## DBU (1,8-DIAZABICYCLO[5.4.0]UNDECENE-7)

## Description

1,8-diazabicyclo [5.4.0]undecene-7 (DBU) is a clear, light yellow liquid of relatively low volatility and has low/slight ammonia-like odor. It is miscible with water and is soluble in common organic solvents.

- Chemical formula: C<sub>9</sub>H<sub>16</sub>N<sub>2</sub>
- Molecular weight: 152.24
- CAS # 6674-22-2



## Typical properties\*

APHA Color	<20
Purity (%)	>99%
Water (%)	<0.5%
Vapour pressure at 20 °C kPa	<1.297 mm Hg
Density at 21 °C	1.04 g/cm <sup>3</sup>
pH	>12.5
Normal boiling point	259 °C
Appearance	Colorless to yellow liquid

\* For actual ranges, please refer to the Certificate of Analysis / Sales Specification.

## Application

DBU is used as a reactive intermediate in a variety of applications and in organic synthesis as a complexing ligand and/or a non-nucleophilic base. DBU is also used as a curing agent in epoxy coatings.

## Packaging

- Pails: 15 kg net weight
- Drums: 204 kg net weight
- Bulk/Tank Truck

## Samples

Samples can be obtained by contacting your local sales representative or by email at [EVQS@evonik.com](mailto:EVQS@evonik.com).

## Storage recommendations

- Shelf life from date of manufacture: 36 months
- Storage conditions: Dry and cool place in factory-packed containers
- Optimum storage temperature: 10 to 30 °C

## Safety instructions

Please consult the Safety Data Sheet for summary of product hazards, personal protective measures, and emergency release procedures.

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