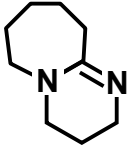


# 1,8-Diazabicyclo [5.4.0] undec-7-ene



**Empirical Formula** C<sub>9</sub>H<sub>16</sub>N<sub>2</sub>

**Molecular Weight** 152.24

**CAS #** 6674-22-2

## General Description

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

## Applications

- Pharmaceuticals
- Epoxy Curatives
- Urethane Catalyst

## Physical Properties

Chemical Synonym	DBU
Specific Gravity @39°F (4°C)	1.03
Liquid Density	
lb/gal @68°F	8.49
g/ml @20°C	1.02
Freezing Point	
°F@1atm	<-58
°C@1atm	<-50
Vapor Pressure mm Hg	
@68°F	1.08
kPa @20°C	0.143
Vapor Pressure mm Hg	
@104°F	1.75
kPa @40°C	0.233
Normal Boiling Point	
°F	501.24
°C	260.69
Critical Temperature	
°F	950.40
°C	510.22
Critical Pressure	
atm	30.69
kPa	3110
Flash Point,Closed Cup	
°F	239.9
°C	115.50
kPa	12.00
Latent Heat of Vaporization Btu/lb	
@ 1atm J/G	128.83
@ 1 atm	299.64

**North America**

Air Products and Chemicals, Inc.  
Industrial Chemicals Division  
7201 Hamilton Boulevard  
Allentown, PA 18195-1501 U.S.A.  
Tel 800-345-3148  
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**Europe**

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3502 GD Utrecht  
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Casa Verde  
02517-160 São Paulo-SP  
Brazil  
Tel 55-11-3856-1669  
Fax 55-11-3856-1781

**Asia**

Air Products Asia, Inc.  
Suite 6505-7, Central Plaza  
18 Harbour Road  
Wanchai, Hong Kong  
Tel 852-2527-0515  
Fax 852-2527-1957

Air Products Japan, Inc.  
3-18-19, Toranomon, Minato-Ku  
Tokyo 105  
Japan  
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