

# 1-Ethynyl-1-cyclohexanol

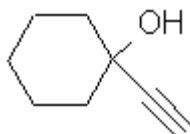
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## Technical Data Sheet

October 2005

Formula ..... $C_8H_{12}O$   
Molecular Weight .....124.2  
PRD Number..... 30036635  
CAS Registry Number.....78-27-3



| Product Specifications | Value | Test Method |
|------------------------|-------|-------------|
| Assay, % minimum       | 99.0  | GC          |
| Water, % maximum       | 0.5   | DIN 51 777  |

### Physical Properties

|                                  |        |
|----------------------------------|--------|
| Melting Temperature, °C          | 30     |
| Boiling Temperature, °C          | 180    |
| Density @20°C, g/cm <sup>3</sup> | 0.9763 |
| Flash Point, °C                  | 73     |
| Ignition Temperature, °C         | 365    |

### Description

Ethynylcyclohexanol is a colorless solidified mass, with a faint specific odor.

### Synonyms

1-Ethynylcyclohexanol

### Safety

Ethynylcyclohexanol is harmful in contact with skin and if swallowed and is irritating to eyes.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

### Applications

Intermediate used in the production of:

- Pharmaceuticals
- Plasticizer
- Plastics processing industry
- Silicon

### Packaging

Available in drums.

### Storage & Handling

Ethynylcyclohexanol has a shelf life of 24 months in unopened, original containers and kept below 50°C. It must be protected from fire and sources of ignition as well as alkalies and alkalinizing substances. Ensure thorough ventilation of work and storage area.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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