

## Product Datasheet

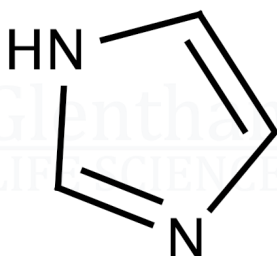
### GB4854 - Imidazole, 99.5%

#### Product Details

|                    |                  |
|--------------------|------------------|
| Product Name       | Imidazole, 99.5% |
| Glenthams Code     | GB4854           |
| CAS Number         | 288-32-4         |
| EINECS             | 206-019-2        |
| Numéro MDL         | MFCD00005183     |
| Related Categories | Buffers          |

#### Structure

|                   |  |
|-------------------|--|
| Molecular Weight  | : 68.08  |
| Molecular Formula | : C <sub>3</sub> H <sub>4</sub> N <sub>2</sub> |



#### Pictograms



UN Number, Class, PG  
(RID)

UN3263 - 8 - PG II

#### Glenthams Product Specification

|                      |  |
|----------------------|--|
| Physical Description | : White to very pale yellow crystalline powder or crystals |
| Melting Point        | : 87.0 - 91.0 °C   |
| Water                | : ≤ 0.2%   |
| Related Substances   | : ≤ 0.5%   |
| Assay (GC)           | : ≥ 99.5%  |
| Version              | : v1.0   |

#### About Imidazole, 99.5%

Imidazole is a heterocyclic organic used as a building block for the manufacture of imidazole-containing anticancer drugs, antifungals and antibiotics. It functions as a buffer, with roles in protein electrophoresis and chromatography. Its interaction with DNA and effects on cell division give it additional roles in molecular and cell biology.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

|                     |  |
|---------------------|--|
| CLP Classification  | Acute Tox. 4, Skin Corr. 1B, Repr. 1B            |
| Signal Word         | Danger   |
| Hazard Codes        | H302, H314, H360                                 |
| Precautionary Codes | P280, P305+P351+P338, P308+P313, P310, P301+P312 |

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