

1-Vinylimidazole

Technical Data Sheet

Jan 2018



Formula..... $C_5H_6N_2$
Molecular Weight 94.1
PRD Number 30037086
CAS Registry Number 1072-63-5



Product Specifications	Value	Test Method
Assay, % minimum	99.5	GC
Imidazole, % maximum	0.3	GC
Water, % maximum	0.1	DIN 51-777

Physical Properties

Melting Temperature, °C	<-50
Boiling Temperature, °C	192
Density @ 20°C, g/cm ³	1.039
Flash point, °C	84
Ignition temperature, °C	415

Description

1-Vinylimidazole is a yellow liquid, with an amine-like odor. It is miscible with water.

Synonyms

1-H-imidazole
1-ethenyl-N-Vinylimidazol
Vinylimidazol

Applications

Intermediate used in the production of:

- Foundry resins
- Oil Industry
- Photographic Chemicals
- Polymers

Also used as a:

- Hardener for epoxy resins

Packaging

Available in drums.

Storage & Handling

1-Vinylimidazole has a shelf life of 12 months in unopened, original containers stored at 20°C. Protect from fire and moisture, as well as acids and acid forming substances.

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

The data contained in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, the data does not relieve processors from carry-ing out their own investigations and tests; neither does the data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. The safety data given in this publication is for information purposes only and does not constitute a legally binding Safety Data Sheet (SDS). The relevant SDS can be obtained upon request from your supplier or you may contact BASF directly. Jan 2018.

Contact us:

E-mail: intermediates@basf.com

Website: <http://www.intermediates.basf.com/chemicals/web/en/>