

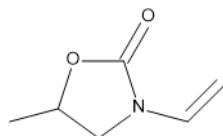
3-Vinyl-5-Methyl-2-Oxazolidinone (VMOX)

Technical Data Sheet

May 2020



Formula..... $C_6H_9NO_2$
Molecular Weight 127.14
PRD Number 30679975
CAS Registry Number 3395-98-0



| Product Specifications | Value | Test Method |
|--|-------|-------------|
| Assay, % minimum | 98.5 | GC |
| 3-Ethyl-5-methyloxazolidinone, % maximum | 1.0 | GC |
| Others, % maximum | 0.5 | GC |

| Physical Properties | |
|---|-------|
| Boiling temperature, °C..... | 254 |
| Melting temperature, °C..... | 20.4 |
| Density @ 20°C, g/cm ³ | 1.098 |
| Flash point, °C..... | 132 |
| Ignition temperature, °C..... | 392 |
| Viscosity @ 20°C, mPa.s..... | 4.4 |

Description

VMOX is a colorless to yellow liquid.

Safety

VMOX is harmful if swallowed.

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

Registration

TSCA - released for UV inks and 3D printing applications
REACH and PICCS - released
DSL and CHEMINV - restrictions on quantities

Applications

Reactive diluent (monomer) used in the production of:

- Energy curable materials
- UV printing inks
- Polymers
- Coatings
- Adhesives

Packaging

Available in drums.

Safety, Storage & Handling

VMOX has a shelf life of 24 months in unopened, original containers stored at 20°C.

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 carrying 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.

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