

## Vicinal TDA (o-TDA) 95%

Vicinal Toluene Diamine

Vicinal Toluene Diamine or o-TDA, is a mixture of 2,3- and 3,4-isomers used to produce corrosion inhibitors.

### TYPICAL PROPERTIES

Appearance	violet
Viscosity @ 25 °C, cP	Solid
Nominal Functionality	2
Vapor Pressure @ 25 °C, mm Hg	2.23
Specific Gravity @ 25 °C, g/cm <sup>3</sup>	1.26
Water	<2,000 ppm
Vicinal Isomers	>95%
2,5 TDA Isomer	<3.0
Total other isomers	<10%
Toluidines	<0.6%



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#### **BASF Corporation**

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### STORAGE

Storage of the Vicinal TDA should be under inert atmosphere. Aromatic amines should not be exposed to oxygen, they readily oxidize and degrade in the presences of oxygen. The most favorable storage temperature for Vicinal TDA is between 61 °C and 93 °C (142°F-199°F). Storage above 93 °C for extended periods may cause a change in product quality. Below 61 °C Vicinal TDA may begin to freeze. If freezing or partial freezing occurs slowly heat the product to 61-93 °C to re-liquefy. The product must be thoroughly mixed before using to ensure uniform isomer distribution and reactivity. The shelf life of Vicinal TDA is 12 months if the temperature is maintained at 61-93 °C and an inert atmosphere is maintained.

### SHIPPING INFORMATION

4,500-gallon tank trucks or isotainers are standard.

### HAZARD STATEMENT

stephen

### IN CASE OF CHEMICAL EMERGENCY

Call CHEMTREC (800-424-9300) or BASF (800-832-HELP) day or night for assistance and information concerning spilled material, fire, exposure and other chemical accidents. Outside the U.S., call (703-527-3887).

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**Attention:** This product is sold solely for use by industrial institutions. Refer to our Safety Data Sheet (SDS) regarding regulatory compliance, safety, hazards, spill procedures and disposal of this product. An SDS as well as additional information on BASF urethane chemicals may be obtained by visiting [polyurethanes.basf.us](http://polyurethanes.basf.us).

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