

Product name: TRIETHANOL AMINE 99.5%

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|-------------------|--|
| Article No. | 583422 |
| Grade | Extra pure |
| Purity | 99% |
| CAS No. | 102-71-6 |
| Molecular Formula | C ₆ H ₁₅ NO ₃ |
| Molecular Weight | 149.19 |
| H.S. Code | 2922.1990 |
| Shelf Life | 60 Months |

- **Physical properties**

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|-----------------------------|--------------------------------|
| Physical state at 20°C | Liquid |
| Color | Colorless viscous |
| Odour | Odorless |
| pH value | 10.5 - 11.5 at 149 g/l at 25°C |
| Melting/Freezing point [°C] | 18 - 21 °C |
| Flash point [°C] | 179 °C |
| Boiling point [°C] | 190 - 193 °C |
| Initial boiling point [°C] | 190°C |
| Final boiling point [°C] | 193 °C |

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|--------------------------------|--------------------------------------|
| Vapour pressure [20°C] | 1 mm Hg |
| Vapour density | 5.15 |
| Density [g/cm ³] | 1.124 |
| Solubility in water [% weight] | 149 g/l at 20°C - completely soluble |

- **Specifications**

| | |
|------------------------------|---|
| Appearance | Clear, viscous, colorless or slightly yellow liquid, very hygroscopic |
| Solubility | Miscible with water |
| Identification | Passes test |
| Density (g/cm ³) | 1.120 – 1.130 |
| pH | 10 - 11 |
| Water % | Max 1.00 |
| Sulfated ash % | Max 0.1 |
| Assay % | 99 - 103 |
| Packings | Liter |