

Technical Data Sheet

Dimethylamino-2-propanol 77%

Chemical Synonym

Dimethylamino-2-propanol 77% mixed; 2-Propanol, -1(dimethylamino); DMA-2P 77% mixed

Applications

- Energy production & efficiency
- Inks
- Lubricants
- Paints & coatings
- Water treatment industrial

Product Description

Dimethylamino-2-propanol 77% mixed is available as a colorless liquid with an ammoniacal odor. DMA-2P has the lowest boiling point of any available alkanolamine.

Principal application for Dimethylamino-2-propanol 77% is a vapor-phase corrosion inhibition.

Typical Properties

Property	Typical Value, Units
General	
Molecular Formula	$(\text{CH}_3)_2\text{NCH}_2\text{CH}(\text{OH})\text{CH}_3$
Molecular Weight	103.2 g/mol
Appearance	Colorless liquid
Boiling Point	96 °C
Coefficient of cubical expansion	0.00088/ °C
Density	
@ 20°C	0.92 g/cm ³
Flash Point	
Closed Cup	37 °C
Freezing Point	<-56.67 °C
Vapor Density	
(air = 1)	3.6
Vapor Pressure	
@ 20°C	27 hPa
Viscosity	
@ 24°C	3 mPa·s
Water solubility	Soluble

Packaging

- Bulk
- Plastic drums (175 kg net)

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