Technical Data Sheet
Dimethylamino-2-propanol

Chemical Synonym
Dimethylamino-2-propanol; 2-Propanol, 1-(dimethylamino); DMA 2P

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

Product Description
Dimethylamino-2-propanol (DMA 2P) is available as a colorless liquid with an ammoniacal odor. DMA 2P has the lowest boiling point of any available alkanolamine.

DMA 2P is used as neutralizing agent in both cooling and boiler water. This product has the lowest boiling point of any available alkanolamine, it tends to be used where a significant presence of amine in the gas phase is required.

DMA 2P is also used as a precursor in the pharmaceutical industry.

Typical Properties

Property	Typical Value, Units
General	
Molecular Formula	$(CH_3)_2NCH_2CH(OH)CH_3$
Molecular Weight	103.2 g/mol
Autoignition Temperature	225 °C
Boiling Point	121-127 °C
Coefficient of cubical expansion	0.00109/ °C
Density @ 20°C	0.86 g/cm^3
Flash Point Closed Cup	28 °C
Freezing Point	-85 °C
pH (0.01% solution)	12.1
Refractive Index @ 20°C	1.42
Vapor Density	0.85 g/cm^3
Vapor Pressure @ 20°C	10.67 hPa
Viscosity @ 20°C	1.5 mPa·s

Water solubility	Miscible

Packaging

- Bulk
- Plastic drums (175 kg net)

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