

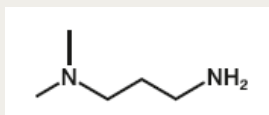
## Technical Information

## DMPA (N,N-DIMETHYL-1,3-PROPANEDIAMINE)

## Description

N,N-Dimethyl-1,3-propanediamine (DMPA) is a moderately basic, colorless liquid. DMPA is miscible with water and most common organic solvents. DMPA is a versatile, reactive intermediate used in many applications.

- Chemical formula: C<sub>5</sub>H<sub>14</sub>N<sub>2</sub>
- Molecular weight: 102.18
- CAS # 109-55-7



## Typical properties\*

APHA Color	<15
Purity (%)	>99.7%
Water (%)	<0.3%
pH	11 alkalines
Density at 21 °C	0.83 g/cm <sup>3</sup>
Vapour pressure at 20 °C kPa	6.548 mm Hg
Density at 25 °C	XX g/cm <sup>3</sup>
Normal boiling point	135 °C
Appearance	Colorless to yellow liquid

\* For actual ranges, please refer to the Certificate of Analysis / Sales Specification.

## Applications

DMPA is used as a reactive intermediate for:

- Personal Care
- Detergency
- Betaine Surfactants

## Packaging

- Drums: 167 kg net weight
- Bulk/Tank Truck

## Samples

Samples can be obtained by contacting your local sales representative or by email at [EVQS@evonik.com](mailto:EVQS@evonik.com).

## Storage recommendations

- Shelf life from the date of manufacture: 24 months
- Storage conditions: Dry and cool place in factory-packed containers, protected from direct sunlight
- Optimum storage temperature: 10 to 30 °C

## Safety instructions

Please consult the Safety Data Sheet for summary of product hazards, personal protective measures, and emergency release procedures.

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