



## Diethanolamine (DEA)

Diethanolamine is an organic compound with the formula  $\text{HN}(\text{CH}_2\text{CH}_2\text{OH})_2$ . It is a polyfunctional secondary amine and a diol. It is soluble in water and often encountered as a colorless, viscous liquid



### SOME OF THE MAIN USES:

- SURFACTANT, IN THE FORMULATION OF SOAPS, LAUNDRY AND DISHWASHING PRODUCTS
- CORROSION INHIBITOR IN METALWORKING FLUIDS
- HUMECTANT IN TEXTILE EMULSIONS
- EMULSIFIER AND DISPERSANT FOR AGRICULTURAL CHEMICALS
- PREPARATION OF MORPHOLINE AND IN THE PRODUCTION OF SOME HERBICIDES
- SWEETENING OF GAS
- RAW MATERIAL FOR THE PRODUCTION OF DETERGENTS, EMULSIFIERS, AND PHARMACEUTICALS
- PH ADJUSTER IN COSMETIC PRODUCTS

<b>Chemical formula</b>	$\text{C}_4\text{H}_{11}\text{NO}_2$
<b>boiling point</b>	270°C at 1 013 hPa
<b>Melting point</b>	27 °C at 1 013 hPa
<b>Molar mass</b>	108.14 g/mol
<b>density</b>	1,1 at 20 °C
<b>Appearance</b>	Viscous colourless liquid

