



ADEKA CARPOL MD-100

-ADEKA CARPOL MD-100 is a water-soluble alkanolamine.
It can be used as an anionic surfactant such as fatty acid soap, a neutralizer for carbomer and a pH adjuster.

-INCI Name: TETRAHYDROXYPROPYL ETHYLENDIAMINE

-Appearance: Light yellow liquid [Added 0.2% tocopherol as antioxidant]

-Purity : >99%

-C₁₄H₃₂N₂O₄ : 292.43

-CAS No. 10305-38-1

-Packing Size: 17kg/can

*Summary

COMPOSITION	PROPERTY	CHARACTERISTICS/USE
Amine solvents, neutralizer	Slightly yellow liquid	Neutralizer. Low melting point, low odor, chelating effect, and bestowing of transparency. Used for soap, etc.

***Features and Functions**

- ✓ Clear and viscous liquid with little odour
- ✓ Soluble in water and ethanol. The aqueous solution is mildly alkaline.
- ✓ Used to neutralize acid substance. (For example, fatty acid, inorganic acid and organic acid) Low toxicity
- ✓ Neutralizing carbomer, and anionic surfactant such as fatty acid soap. pH adjuster.
- ✓ Compared to the triethanolamine(TEA), MD-100 enables to prepare the soap which is better flowability and color stability



A less colored liquid soap is obtained by neutralizing the fatty acids with ADEKA CARPOL MD-100.

From left ① (MD-100 ② (TEA) ③ (KOH)

-TDS, formulating guides attached

-Properties and Neutralization ratio available on TDS as attached