

# **Polyether Amine T-5000**

## **COMPOSITION:**

CHENHUA POLYETHER AMINE T Series products are triamines prepared by reaction of PO with a triol initiator, followed by amination of the terminal hydroxyl groups. Because of its characteristic structure as below,

CH2O [CH2CH(CH3)O]X CH2CH(CH3)NH2

CHO [CH2CH(CH3)O]YCH2CH(CH3)NH2

CH2O [CH2CH(CH3)O]ZCH2CH(CH3)NH2

X+Y+Z=81

## **TECHNICAL DATA:**

CAS	64852-22-8
Appearance	Colorless to pale yellow transparent liquid
Molecular weight Wn	5000
Color (Pt-Co)	50 Max
Amine Value mmol/g	0.50-0.57
Water content %	0.25 Max

### **APPLICATIONS:**

- A polyol replacement in polyurea RIM elastomers for automotive body parts, industrial RIM applications, spray elastomers, and coatings
- An adhesion promoter in epoxy systems
- Surfactant and corrosion inhibitor applications

### PACKAGE:

200kg/barrel with nitrogen