

## МОСА

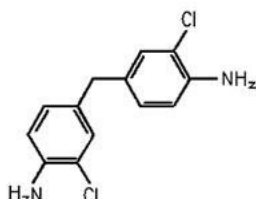
Product name: 4,4'-METHYLENE-BIS(2-CHLOROANILINE), MOCA  
 or 4,4'-Methylene-bis(o-chloroaniline)

CAS NO.: 101-14-4

Molecular formula:  $C_{13}H_{12}N_2Cl_2$

Molecular weight: 267.16

Structural formula:



### TECHNICAL DATA SHEET

Item	Specification
Appearance	Light yellow granule
Melting range °C	98-102
Moisture %	≤0.1
Purity (HPLC) %	≥ 86
Purity (GC) %	≥ 99
Liquid density(107°C)g/ml	1.26
Solid density(24°C)g/ml	1.44
Free aniline %	0.1
Clarity	Acetone solution is clear and transparent. Insoluble substance: 0.04% max.

### SOLUBILITY

- Very soluble in Acetone, DMF, DMSO, MEK and THF.
- Soluble in Ethanol, Toluene and Benzene. Insoluble in water.

### APPLICATIONS

- Curing agent for polyurethane elastomers and cast polyurethanes.
- Curing agent for epoxy or epoxy urethane resin.

### TOXICITY

- LD50 (Rats) 5000mg/kg.
- OSHA PEL 0.02ppm (8-hour TWA), ACGIH TLV 0.01ppm.
- MOCA has been classified as a carcinogen since 1973, based upon test results with laboratory animals. In 1992, ACGIH, after reviewing existing information, continued the classification of MOCA as a "Suspect Human Carcinogen".

### STORAGE

- MOCA should be stored in a dry location., and no light

### PACKAGING

- Net 50-kg carton drum with black polyethylene liner.