

## TECHNICAL DATA SHEET

### MXDA

*M-Xylylenediamine*



### General Information

CAS No.	1477-55-0
EINECS No.	216-032-5
Molecular formula	C <sub>8</sub> H <sub>12</sub> N <sub>2</sub>
Molecular weight	136.13
Viscosity, mPa·s, 20°C	6.8
Freezing point, °C	<14.1
Amine value, mg KOH/g	824
Active Hydrogen Equivalent Weight	34

### Sales Specifications

ITEMS	UNIT	SPECIFICATION	TEST METHOD
Appearance		Colorless Liquid	Visual Observation
Purity	wt%	99.9 Min	GC
Color degree	APHA	20 Max	ASTM D1209 Standard Test Method
Specific gravity	g/ml	1.048-1.056	Pycnometer Method •GB/T 4472-2011
Moisture	wt%	0.3 Max	Karl Fisher •GB/T 6283-2008

### Safety & Handling

Following SDS for the detailed instruction.

### Package and Storage

Available in 200KG Steel Drum, 1MT IBC or ISO container as per requested.  
Recommended to be stored in dark & dry conditions and original packing

### Application

MXDA is a meta-xylene derivative, which is used in products as epoxy resin curing agent in the coating and adhesive industry, with the features of fast curing, low curing temperature, low viscosity and AHEW, as well as excellent chemical resistance. Meanwhile it could be used as raw material of MX-Nylon, polyurethane (Isocyanate) system, and others like additives in rubber etc.