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## Product Information

### MXDA

### --- Meta-xylenediamine ---

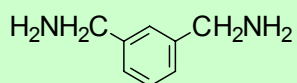


MITSUBISHI GAS CHEMICAL COMPANY, INC.

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#### Description

Meta -xylenediamine is a clear colorless liquid.  
Chemical formula:  $C_8H_{12}N_2$



Molecular weight: 136.2

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#### Typical Properties

Appearance, visual .....	colorless liquid
Purity, % .....	99.8
Viscosity, mPa/s, 20°C .....	6.8
Boiling Point, °C .....	273
Freezing Point, °C .....	14.1
Flash Point, °C (Cleveland open tester) .....	139
Amine Value .....	824
Active Hydrogen Equivalent Weight .....	34
Solubility .....	Soluble in water, ether and benzene Insoluble in n-hexane, cyclohexane, i-octane

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#### Sales Specifications

Appearance, Visual .....	colorless liquid
Purity, Titration method, % .....	≥99.0
Color, Gardner .....	≤1
Specific gravity, $d_4^{20}$ .....	1.048-1.056

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#### Applications

Epoxy resin curing agent, Polyurethane

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#### Container Information

Available in isocontainers and 200 Kg steel drums.

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## Precautions for Safe Handling and Use

### Extinguishing media

Dry chemical, Regular foam, Carbon dioxide

### Health safety precautions

Avoid contact with eyes, skin and clothing. Avoid breathing vapor. Wash thoroughly the face, the hands after handling.

### Storage conditions

Store in cool and dry place with adequate ventilation.

For specific safety, handling and toxicity information, please refer to the current Material Safety Data Sheet.

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## First Aid

### If inhaled

Remove to fresh air immediately. Call a physician.

### Skin contact

Wash exposed area thoroughly with plenty of soap and water while removing contaminated clothing and shoes. Call a physician.

### Eye contact

Immediately flush eyes with plenty of water enough. Call a physician.

### If swallowed

Immediately give 2 large glasses of water if victim is conscious. Call a physician. Never give anything by mouth to an unconscious person.

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## Chemical Registration Numbers

CAS: 1477-55-0

EINECS: 216-032-5

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