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## Product Information

### MXDA

--- Meta-xylenediamine ---

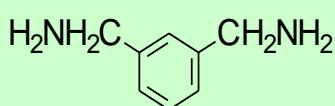


MITSUBISHI GAS CHEMICAL COMPANY, INC.

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#### Description

Meta -xylenediamine is a clear colorless liquid.  
Chemical formula: C<sub>8</sub>H<sub>12</sub>N<sub>2</sub>



Molecular weight: 136.2

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#### Typical Properties

Appearance, visual	Colorless liquid
Purity, wt%	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 <sub>4</sub> <sup>20</sup>	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 Kgs 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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