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| Product Information |
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MXDA

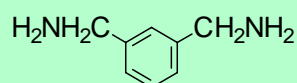
--- Meta-xylenediamine ---



MITSUBISHI GAS CHEMICAL COMPANY, INC.

Description

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



Molecular weight: 136.2

Typical Properties

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|---|-------|---|
| 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 |

Sales Specifications

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| Appearance, visual | | colorless liquid |
| Purity, Titration method, % | | ≥99.0 |
| Color, Gardner | | ≤1 |
| Specific gravity, d_{4}^{20} | | 1.048-1.056 |

Applications

Epoxy resin curing agent, Polyurethane

Container Information

Available in isocontainers and 200 Kg steel drums.

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.

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.

Chemical Registration Numbers

CAS: 1477-55-0

EINECS: 216-032-5

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