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## Product Information

### TETRAD-X

--- N,N,N',N'-tetraglycidyl-m-xylenediamine ---

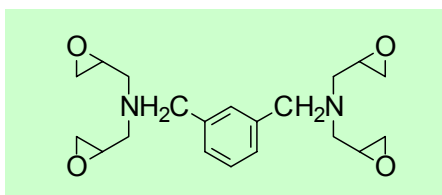


MITSUBISHI GAS CHEMICAL COMPANY, INC.

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#### Description

TETRAD-X is a pale yellow liquid.  
Chemical formula:  $C_{20}H_{28}N_2O_4$



Molecular weight: 360.5

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#### Typical Properties

Appearance, visual	pale yellow liquid
Flash Point, °C	243
Amine value	300-320
Specific gravity, $d_4^{25}$	1.14-1.16
Solubility	Soluble in benzene, toluene, xylene Diethyl ether, acetone, methy ethyl ketone ethyl acetate, n-butanol, i-propanol methanol, dimethylformamide

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#### Sales Specifications

Color, Gardner	$\leq 5$
Viscosity, mPa·s, 25°C	1,600-3,000
Volatile Matter, %	$\leq 1$
Epoxy Equivalent Weight	95-110

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#### Applications

Electrical insulator/ Encapsulate material for IC,LSI,potting  
Composite material/ Matrix for fiber-reinforced material  
Heatproof resin, Heatproof paint  
Cross-linking agent for -OH and -COOH

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#### Container Information

Available in 200 Kg steel drums and 18kg cans.

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## Precautions for Safe Handling and Use

### Extinguishing media

Dry chemical, Regular foam, Water fog

### 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: 63738-22-7

EINECS: 264-438-6

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