## **★ MITSUBISHI GAS CHEMICAL CO., INC.**

## Gaskamine328

1,3-benzenedimethanamine,reaction products with epichlorohydrin

CAS: 135470-04-1 (Reaction products) EINECS: Not applicable (Reaction products), 216-032-5(MXDA)

$$H_2N$$
 $N$ 
 $OH$ 
 $N$ 
 $n$ 
 $n=0-12$ 

## **Product Information**

Features	Good chemical resistance, High bond strength to wet surfaces Ready to use (no modification needed)	
Application	Epoxy resin curing agent (Floor coatings, Adhesives)	
Physical Properties	Appearance, (Visual)	Pale yellow, clear liquid
	Flash point, °C (Cleveland open tester) 177	
	Viscosity, mPa·s, 25°C	9200
	Specific gravity, 25°C	1.12 - 1.14
	Amine value, mgKOH/g	670
	Theoretical Active Hydrogen Equivalent Weight 55	
	Solubility Soluble i	n methanol, ethanol propanol,
		chloroform, water(partial)
	Insoluble in	toluene, m-xylene, ethyl acetate
Specification	Appearance, (Visual)	Pale yellow, clear liquid
	Color, (Gardner)	≦5
	Viscosity, mPa·s, 25°C	7000 - 14000
	Total amine value	650 - 680
	MXDA, %	24 - 28
Container Information	Available in 200 kg steel drums.	
Safety & Handling	Avoid breathing vapor and direct contact with skin, eyes and clothing.	
	Always refer to the MSDS for detailed safety information.	
Contact Information	Fmail: mxda@mgc.co.ip Web:	www.mgc.co.ip

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