



Product Name:

**MONOMETHYLAMINE (MMA)**

CAS Number: 75-89-5

**PRODUCT PROPERTIES****VARIANT****MMA 40%, 45%, 50% Solution (Clear, colorless liquid with strong ammoniacal odor)****PHYSICAL PROPERTIES**

Empirical Formula	CH <sub>5</sub> N		
Structural Formula	CH <sub>3</sub> NH <sub>2</sub>		
Molecular Wt.	31.06		
	For 40% Solution	For 45% Solution	For 50% Solution
Sp. Gravity. at 20°C	0.89-0.90	0.89-0.90	0.89-0.90
Boiling Point	48°C	44°C	50°C
Freezing Point	below -30°C	below -30°C	below -30°C
Solubility in water	Soluble	Soluble	Soluble
Flash Point (closed Cup)	below -18°C	below -18°C	below -18°C

**SPECIFICATIONS**

Content	Unit	For 40% Solution	For 45% Solution	For 50% Solution
MMA	%	40.00 min.	45.00 min.	50.00 min.
Water	%	60.00 max.	55.00 max.	50.00 max.
Ammonia	%	00.03 max.	0.03 max.	0.03 max.
Other Amines / NOI	%	00.20 max.	00.20 max.	00.20 max.

IMDG Class	UN CODE NO	HSN CODE:	CAS NO.
MMA (Solution) -Class 3	MMA (Solution) -1235	2921.19.90	74-89-5

**PACKAGING**

1. ISO tankers for bulk transportation.
2. Quantity per ISO Tank (18 MT to 19 MT approx.)

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