

TECHNICAL DATA SHEET

Product Name:

MONOISOPROPYLAMINE (MIPA)

CAS Number: 75-31-0

Synonym: Isopropylamine 70%; 2-Aminopropane 70%; MIPA 70%

PRODUCT PROPERTIES

VARIANTS

- MIPA Anhydrous (liquified gas under pressure)
- MIPA 70% (clear colorless liquid)

PHYSICAL PROPERTIES

Empirical Formula	C ₃ H ₉ N	C ₃ H ₉ N		
Structural Formula	(CH ₃) ₂ CHNH ₂	(CH ₃) ₂ CHNH ₂		
Molecular Wt.	59.11	59.11		
	Anhydrous	70% Solution		
Sp. Gravity. at 20°C	0.68-0.70	0.795 -0.815		
Refractive Index	1.374 -1.376	-		
Boiling Point	32°C - 34°C	42°C		
Freezing Point	Below -80°C	Below -60°C		
Solubility in water	Soluble	Soluble		
Flash Point (closed cup)	Below -30°C	Below -20°C		
SPECIFICATIONS				

Content	Unit	Anhydrous	70% Solution
Appearance		Clear Colorless Liquid	Clear Colorless Liquid
Purity by GC	(wt. %)	99.65% min.	70.00% min.
Water Content	(wt. %)	0.15% max.	29.75% max.
Impurities	(wt. %)	0.20% max.	0.25% max.
IMDG Class	UN CODE NO.	HSN CODE:	CAS NO.
Class 3	1221	2921.19.20	75-31-0
		Brussels T. No.	

PACKAGING:

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

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