

Morpholine

Specifications

CAS NO.

CAS NO.	110-91-8
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NATURE

NATURE	Clear Colorless Liquid
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PHYSICAL PROPERTIES

Empirical Formula	C4H9NO
Molecular Wt.	87.12
Specific Gravity (@20 °C g/cm ³)	1.001-1.004
Boiling Point	128 °C
Freezing Point	-5 °C
Solubility in Water	Soluble
Flash Point	31 °C
Vapor Pressure(mm hg)	10 @ 23 °C
Odor	Amine Odor

SPECIFICATIONS

Purity	99.0 % MIN
Water	0.5 % MAX
Other Impurities	0.3 % MAX
Colour(APHA)	15 MAX

Applications

Pharmaceuticals

Dye Intermediates

Paper Chemicals

Corrosion Inhibitors

Emulsifiers

Curing Agents for Epoxy Resin

Agricultural Chemicals

Textile Chemicals

Rubber Chemicals

Optical Brighteners

Plasticizers

Photographic Chemicals

STORAGE & HANDLING: Protect against physical damage. Store in a cool, dry wellventilated location. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipments .

PACKING: 200 Kgs. Net. Wt. in Mild Steel Drums.

IMDG GLASS: Class 3