

3-Methoxypropylamine

Technical Data Sheet

November 1999

Formula:..... C₄H₁₁NO
Molecular Weight:..... 89.1
Product Number: 547147
CAS Registry Number:... 5332-73-0



Description

3-Methoxypropylamine is a colorless to pale yellow liquid free of suspended matter. It is miscible with water and almost all common organic solvents.

Safety

3-Methoxypropylamine is corrosive to body tissue. Contact with skin or eyes may result in burns or permanent eye injury. Ingestion results in severe gastrointestinal damage. Inhalation of vapors or mist results in severe irritation of the respiratory tract and may result in pulmonary edema.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Customer Service:

EAST 1-800-426-8696
WEST 1-800-543-1740

Chemical Intermediates

Product Specifications	Value	Test Method
Assay, % minimum	99.0	G.C.
Water, % maximum	0.50	Karl Fischer
Color, APHA maximum	15	Pt/Co
Suspended matter	none	visual

Physical Properties

Boiling range, °C	117 – 119
Freezing point, °C	< – 70
Density @ 20°C, g/cm ³	0.871 – 0.873
Flash point, °C	27
Viscosity @ 20°C, mPa	0.8
Weight/gallon, lbs.	7.3

Applications

Intermediate used in the production of:

- agricultural chemicals
- dye intermediates
- paper and textile auxiliaries
- emulsifiers

It is also used as a corrosion inhibitor.

Packaging

Available in tank trucks and 395 lb (net weight) non-returnable steel drums.

Storage & Handling

3-Methoxypropylamine has an almost unlimited shelf life in unopened, original containers when properly stored in a protected storage area. It must be protected from moisture and air. It is neither explosive nor spontaneously flammable in air. However, it is flammable, malodorous and corrosive.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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