

Diethylaminoethyl methacrylate DEAM

hemicals English Name : Diethylaminoethyl methacrylate DEAM

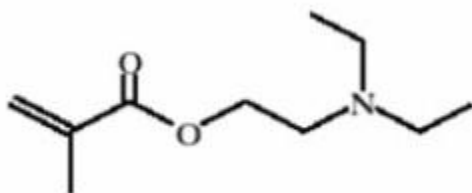
CAS : 105-16-8

DESCRIPTION

Diethylaminoethyl methacrylate DEAM

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CHEMICAL STRUCTURE



INTRODUCTION

Diethylaminoethyl methacrylate is a high water-solubility liquid monomer, has good bonding ability. It is widely used in fiber industry, coating industry, paper making industry, water treatment, plastic and rubber industries, plastic rubber industry, wash and surface active agent industry and so on.

SALES SPECIFICATION

Degree of purity: min. 99.5% (GC)

Acid content: max.0.01% (acid-base titr., calculated as MAAC)

Watercontent: max.0.05%

Color: max.20 (Pt-Co)

Stabilization: 50±10ppm MEHQ (HPLC)

PHYSICAL DATA

Appearance: clear, colorless or yellowish liquid

Odor: ester-like

Molecular weight: 185.2 g/mol

Density: 0.920 g/cm³ (20°C)

Refractive index: 1.445 (20°C)

Boiling point: +200°C(2666 mbar)

Solidification: -28°C

Viscosity: 2.0 mPa.s (20°C)

Flashpoint: +77.0°C

Solubility: soluble in water (20°C)

GENERAL HINTS

Flammable! Polymerization may be initiated by contamination with peroxides, azo compounds, heavy metal ions, tert. Amines, S compounds. Polymerization is also induced by light. Atmospheric oxygen saturation in the monomer is necessary for stability. Storage temperatures should not exceed 35°C.

PACKAGE

Plastic drums,190kg net weight ,or stainless steel tank.

TRANSPORTATION AND STORAGE

Avoid shine rain and high temperature in transportation;

Store the products in cool, shady and ventilated conditions, keep far away from fire;

6 months from date of delivery at a maximum storage temperature of 30