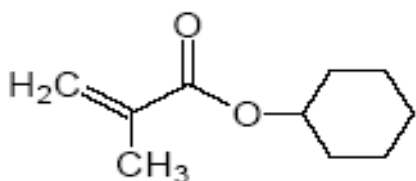


Technical data sheet

DESCRIPTION

Cyclohexyl methacrylate **CHMA****CAS:** 101-43-9

CHEMICAL STRUCTURE



INTRODUCTION

The product is mainly used in coating, plastic, textile, leather, and paper making industries as monomer or comonomer for solution polymerization or suspends polymerization.

SALES SPECIFICATION

Degree of purity: min. 99.5% (GC)

Acidcontent: max.0.01%(acid-basetitr.,
calculated as MAAC)

Watercontent: max.0.05%

Color: max.10 (Pt-Co)

Stabilization: 20±5ppm MEHQ (HPLC)

PHYSICAL DATA

Appearance: clear, colorless liquid

Odor: ester-like

Molecular weight: 168.2g/mol

Density: 0.968 g/cm³ (20°C)

Refractiveindex: 1.459(20°C)

Boiling point: +210°C (1013 mbar)

Viscosity: 1.9 mPa.s (20°C)

Flashpoint: +82°C

Vapor pressure: 8 mbar (59°C)

Polymervitrificationpoint: 104°C

GENERAL HINTS

Combustible! 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°C.