

Acrylamide

Cat. No. WAP-005

Lot. No. (See product label)



Product Name

Acrylamide

Product Introduction

Acrylamide (AM) is produced by a microbial method. It has the advantages of high purity, good activity, and high molecular weight of polymer compared with the traditional process. It is especially suitable for the production of polymers with a high degree of polymerization and concentrated molecular weight distribution.

Technical Specification

CAS: 79-06-1

Molecular formula: C₃H₅ON

Molecular weight: 71.09

Category of dangerous goods: 6.1

Properties

White crystal, melting point 84°C, boiling point 125°C, relative density 1.127 (20°C). It is soluble in water, ethanol, acetone, ether, and trichloroethane, slightly soluble in toluene, and insoluble in benzene. It is stable at room temperature, while suddenly polymerizing during melting.

Application

This product is primarily used in the production of various homopolymers, copolymers, and modified polymers. These polymers are widely used in water treatment and also find applications in papermaking, textiles, pharmaceuticals, coatings, and other industries.

Packing

Packed in 25 kg sealed paper-plastic composite bags.

Important Notes

This product is toxic; avoid direct contact with hands or skin.

Storage

Please store in cool, dry, ventilated conditions and avoid sunlight exposure.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY