

ACRYLAMIDE



CAS Number: 79-06-1

Other Names: Acrylamide(8Cl);Acrylic amide;Bio-Acrylamide50;
Ethylenecarboxamide, NSC 7785;Propenamide;
Vinyl amide.

Formula: C₃H₅NO

PRODUCT INTRODUCTION

Acrylamide (or acrylic amide) is an organic compound with the chemical formula CH₂=CHC(O)NH₂. It is a white odorless solid, soluble in water and several organic solvents.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Crystal
Content (%)	98.55
Moisture (%)	0.56
Fe (PPM)	0.1
Cu (PPM)	0
Color (Hazen) 20% solution	8
Inhibitor (PPM)	6
Water Insoluble	0.001%
Conductivity (us/cm)	6
pH (pH meter)	7

APPLICATIONS

- The majority of acrylamide is used to manufacture various polymers, especially polyacrylamide used as a thickening agent and in water treatment.
- In addition, acrylamide and polyacrylamides are used in the production of dyes and organic chemicals, contact lenses, cosmetics and toiletries, permanent-press fabrics, paper and textile production, pulp and paper production, ore processing, sugar refining, and as a chemical grouting agent and soil stabilizer for the construction of tunnels, sewers, wells and reservoirs.

PACKAGING OPTIONS

Drums

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