

Name: 2-Acrylamide-2-methylpropanesulfonic acid (AMPS)

Cas: 15214-89-8

Synonyms: 2-Methyl-2-[(1-oxo-2-propenyl)amino]-1-propanesulfonic acid

Molecular Formula: C₇H₁₃NO₄S

Molecular Weight: 207.24

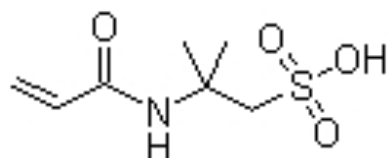
EINECS: 239-268-0

Density: 1.45

Flash point: 160 °C

Water solubility: 1500g/L (20 °C)

Molecular Structure:



Specifications

Items	Prime grade	Qualified grade
Appearance	White crystalline powder	White crystalline powder
Nonvolatile matter	≥99.0%	≥99.0%
Acid (mgKOH/g)	275±5	275±5
Melting point	≥183°C	≥181°C
Water	≤0.5%	≤1.0%
Iron	≤0.0007%	≤0.0010%
Chroma	≤80	≤100
Purity	≥99.00	≥98.50

Application:

2-Acrylamide-2-methylpropanesulfonic acid has good complexion, adsorption, biological activity, surface activity, hydrolysis stability and thermal stability. It can be used in oil chemical, water treatment, synthetic fiber, printing and dyeing, plastics, water absorbing coatings, paper, bio-medical, magnetic materials and cosmetics.

Package: 25kg/bag or 25kg/drum

Storage: Stored in a cool and dry place, storage period is one year.