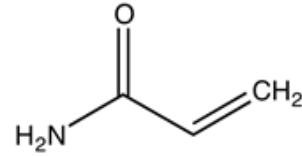


Identification

C₃H₅NO
M = 71,08 g/mol
CAS [79-06-1]
EC number: 201-173-7
Taric code: 2924 19 00

**Synonyms**

Acrylic acid amide

Applications

synthesis of polymers, for electrophoresis.

Specifications

assay (G.C.).....	min. 99,9 %	conductivity (40 %, H ₂ O, 20 °C).....	max. 10 µS/cm
identity (IR-spectrum).....	passes test	absorbance of an aqueous solution (10 %) in a 1 cm cell at 300 nm.....	max. 0,15 AU
insoluble in water.....	max. 0,005 %	turbidity (50 %, H ₂ O).....	max. 2 N.T.U.
pH (10 %, NaCl 0,1M).....	5,0 - 6,6	turbidity (50 %, methanol, 37 °C)	max. 3 N.T.U.
free acid (as acrylic acid)	max. 0,001 %	loss on drying	max. 0,5 %

Physical data

- Spec. Density: (25 °C) 1,127 g/cm³
- Bulk density: ~ 500 kg/m³
- Solub. in water: (20 °C): soluble
- Melting point: 84 °C
- Boiling point: (2,7 hPa) 87 °C
- Vapour pressure: (20 °C) 0,009 hPa
- pH(50 g/l H₂O, 20 °C) 5,0 - 6,5

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H301: Toxic if swallowed.
H340: May cause genetic defects.
H350: May cause cancer.
H372: Causes damage to organs through prolonged or repeated exposure.
H361f: Suspected of damaging fertility.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H317: May cause an allergic skin reaction.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 6.1 T2 III • UN 2074 • ACRYLAMIDE, SOLID
- IMDG: 6.1 III • UN 2074 • ACRYLAMIDE, SOLID
- IATA/ICAO: 6.1 III • UN 2074 • ACRYLAMIDE, SOLID
- PAX: 655
- CAO: 619
- 10°C - 30°C