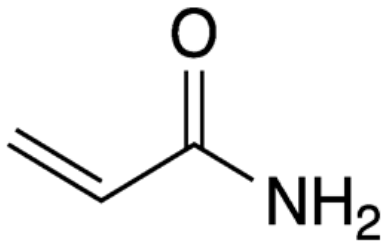
ACRYLAMIDE 30%



IUPAC NAME: prop-2-enamide

CHEMICAL FORMULA: C_3H_5NO, C=CC(=O)N

CAS NO: 79-06-1

MOLECULAR WEIGHT: 71.08 g/mol

PACKING:

PRODUCT DESCRIPTION:

Acrylamide is an organic compound and belongs to the class of amides. It is derived from acrylic acid, which is a key monomer used in the production of various polymers.

Acrylamide is most well-known for its use in the production of polyacrylamide, a type of polymer widely used in various industrial applications. Polyacrylamide is used as a flocculant in water treatment processes, as a thickening agent in cosmetic products and food processing, and as a component in various other products such as adhesives, coatings, and textiles.

PROPERTIES:

- Polymerization
- Crosslinking Ability
- Water Solubility
- Versatility

APPLICATION AREAS:

- Water Treatment
- Papermaking
- Soil Erosion Control

IT IS APPLIED IN THE PRODUCTION OF:

- Polyacrylamides
- Adhesives and Binders
- Gel Electrophoresis
- Flocculants
- Textile and Paper Industries
- Personal Care Products

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CHEMICAL PROPERTIES	
PURITY	29 – 31%
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (APHA)	
INHIBITOR	
PHYSİCAL PROPERTIES	
APPEARANCE	Clear to slightly yellow liquid
PHYSICAL STATE	Liquid
ODOR	Odorless
DENSITY	1.02 – 1.03 g/cm³
BOILING POINT	100°C
FREEZING POINT	-8°C (crystallization point)
FLASH POINT	138 °C- closed cup
VISCOSITY	2.71 cP at 25 °C
VAPOR PRESSURE	23 mm Hg at 25 °C

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SAFETY INFORMATİON	
HAZARD PICTOGRAM(S)	
HAZARD STATEMENT(S)	H301 Toxic if swallowed. H312 + H332 Harmful in contact with skin or if inhaled. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H340 May cause genetic defects. H350 May cause cancer. H361f Suspected of damaging fertility. H372 Causes damage to organs (Peripheral nervous system) through prolonged or repeated exposure if swallowed.
PRECAUTIONARY STATEMENT(S)	P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302 + P352 + P312 IF ON SKIN: Wash with plenty of water.Call a POISON CENTER/ doctor if you feel unwell. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
DISPOSAL	**Waste from residues:** Whenever possible, send residues and unused product to the production process In case of contamination, polymerise the product and then send the polymer to landfill or incineration. **Contaminated packing:** Completely drain containers and retain product resides. Rinse empty containers with water and use the rinse-water to prepare the working solution. Dispose of empty containers in accordance with regulations.

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TRANSPORT INFORMATION	**UN number:** • ADR/RID: 3426 • IMDG: 3426 • IATA: 3426 **UN proper shipping name:** • ADR/RID: Acrylamide, solution • IMDG: Acrylamide, solution • IATA: Acrylamide, solution **Transport hazard class(es):** • ADR/RID: 6.1 • IMDG: 6.1 • IATA: 6.1 **Packaging group:** • ADR/RID: III • IMDG: III • IATA: III **Environmental hazards:** • ADR/RID: None • IMDG Marine pollutant: None • IATA: None
For more information, check the SAFETY DATA SHEET or get contact with us.	