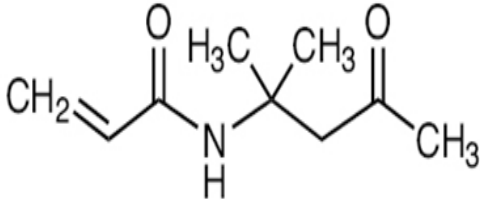

DIACETONE ACRYLAMIDE



IUPAC NAME: N-(2-methyl-4-oxopentan-2-yl)prop-2-enamide

CHEMICAL FORMULA: C₉H₁₅NO₂, CC(=O)CC(C)(C)NC(=O)C=C

CAS NO: 2873-97-4

MOLECULAR WEIGHT: 169.23 g/mol

PACKING:

PRODUCT DESCRIPTION:

The homo-/co-polymer of DAAMTM reacts with adipic dihydrazide (ADH) at normal temperatures in water-based coatings or adhesives. This DAAMTM/ADH crosslinking system provides long-term emulsion stability ("in-can" stability) and enhances film properties, such as erasability resistance, stain resistance, moisture resistance, solvent resistance, adhesion, block resistance, weather resistance, and tack-free time. Additionally, it readily polymerizes with a wide variety of co-monomers to form copolymers.

APPLICATION AREAS:

- Water-based coatings
- Photo-sensitive resins
- Cosmetic polymers
- Adhesives
- Textile processing
- Resin modifiers
- Paper processing


CHEMICAL PROPERTIES

PURITY	99.5 %</=
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (APHA)	
INHIBITOR	100 to 300 ppm MEHQ

PHYSICAL PROPERTIES

APPEARANCE	White crystal
PHYSICAL STATE	Solid
DENSITY	1.02 (20°C)
BOILING POINT	310 °C
FREEZING POINT	57-58 °C
FLASH POINT	110 °C
VAPOR PRESSURE	0.000579 [mmHg]

SAFETY INFORMATION

HAZARD PICTOGRAM(S)	
HAZARD STATEMENT(S)	H302 Harmful if swallowed.
STORAGE CLASS	Storage class (TRGS 510): 13: Non Combustible Solids
STORAGE CONDITIONS	Store in a cool place. Keep the container tightly closed in a dry and well-ventilated place. hygroscopic
TRANSPORT INFORMATION	<p>UN number:</p> <ul style="list-style-type: none">• ADR/RID: -• IMDG: -• IATA: - <p>UN proper shipping name:</p> <ul style="list-style-type: none">• ADR/RID: Not dangerous goods• IMDG: Not dangerous goods• IATA: Not dangerous goods <p>Transport hazard class(es):</p> <ul style="list-style-type: none">• ADR/RID: -• IMDG: -• IATA: - <p>Packaging group:</p> <ul style="list-style-type: none">• ADR/RID: -• IMDG: -• IATA: - <p>Environmental hazards:</p> <ul style="list-style-type: none">• ADR/RID: no• IMDG Marine pollutant: no• IATA: no
For more information, check the SAFETY DATA SHEET or get contact with us.	