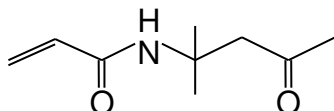


Trade name

DIACETONE ACRYLAMIDE (DAAM)

Chemical Name N-(1,1-DIMETHYL-3-OXOBUTYL)-ACRYLAMIDE

Chemical Structure CH2=CHC(O)NHC(CH3)2CH2C(O)CH3

Molecular Formula C₉H₁₅NO₂
Molecular Weight 169.2

CAS RN[®] 2873-97-4

EINECS No. 220-713-2

TSCA On Inventory

Specification	Item	Unit	Specification
	Appearance		Light Yellow, flaky crystal
	Purity	Wt %	98.0 min.
	Acrylamide	Wt %	less than 0.1
	Water Content	Wt %	0.5 max.
	Remarks Total Inhibitor	ppm	100 max.

Physical Property	Item	Unit	
	Boiling Point (1.1kPa)	°C	120
	Specific Gravity (60°C)		0.998
	Melting Point	°C	54.0
	Viscosity (60°C)	mPa·s	17.9
	Flash Point(open cup)	°C	126
	Solubility (in Water 25°C)	g/100g	100<

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Applications	Monomer for self-crosslinking emulsion resin for coatings, adhesive, textile UV cure materials, water treatment, hydrophilic polymers			
Health Hazards	Acute toxicity data on DIACETONE ACRYLAMIDE			
	Acute Toxicity	LD50(oral)	rat	1.61g/Kg
Emergency and First Aid Procedure	1)Skin Contact	Remove contaminated clothing. Wash the affected area with plenty of clean water and soap. If irritation develops, see a physician.		
	2)Eye Contact	Flash eyes with plenty of clean water for at least 15 minutes while holding eyelids open. If irritation develops, see a physician.		
	3)Inhalation	If a large amount is inhaled, remove individual(s) to fresh air.		
Storage	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.			
Extinguishing Media	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.			
Packing	20Kg	Carton Box		

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