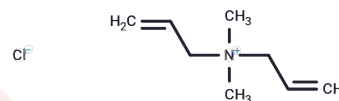


## Diallyldimethylammonium (chloride)

## Chemical Properties

CAS No. :	7398-69-8
Formula:	C <sub>8</sub> H <sub>16</sub> ClN
Molecular Weight:	161.67
Storage:	-20°C for 2 years, 4°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Diallyldimethylammonium chloride (60% in water) is a quaternary ammonium compound classified as an alkyl ammonium salt. It is extensively utilized as a cationic monomer in the production of water-soluble polymers, particularly in manufacturing flocculants and coagulants for water treatment processes. Additionally, it serves as an antimicrobial agent, surfactant, or adhesive in various industrial applications. Its unique chemical properties make it a crucial component in several industrial processes, including papermaking, textiles, and personal care products.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1854 mL	30.9272 mL	61.8544 mL
5 mM	1.2371 mL	6.1854 mL	12.3709 mL
10 mM	0.6185 mL	3.0927 mL	6.1854 mL
50 mM	0.1237 mL	0.6185 mL	1.2371 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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