



Dimethyldiallyl Ammonium Chloride [DADMAC]

SYNONYMS:

Diallyldimethylammonium chloride; Dimethyldiallylammonium chloride; N, N-dimethyl-3, 5-methylene piperidinium chloride

CAS No: 7398-69-8

MOLECULAR FORMULA: C₈H₁₆NCl

PROPERTIES:

DMDAAC is a water-soluble monomer of cationic quaternary ammonium salt with high efficiency. There is alkenyl double bond in the molecular structure and can form linear homopolymer and all kinds of copolymers by various polymerization reactions. The features of DMDAAC are: Very stable at normal temperature, not to hydrolyze and nonflammable, low pungency to skins and low toxicity. The state of this product includes two kinds of type: One is solid white powder, another is aqueous solution. DMDAAC doesn't contain salt (sodium chloride).

SPECIFICATION:

Appearance	Clear transparent liquid
Solid content,%	60±1
pH	5.0 ~ 8.0
Color(APHA)	< 50
NaCl, %	< 3.0

USAGE:

Mainly used to produce polymers, to synthesize all kinds of macromolecular water treating agents whose functions are neutralization, absorption, flocculation, purification and decoloring, showing excellent effect in decoloring, killing algae and removing organic compounds in wastewater treatment, paper making and textile printing & dyeing industry. It is also used as modifier of synthetic resin to bring products electrical conductivity and antistatic property. It is also used as additive in daily chemicals to improve and modify products' performances. As to petroleum chemicals, it can be used as flocculant and blocking agent.

PACKING

50 / 200 Kgs net Drum.