

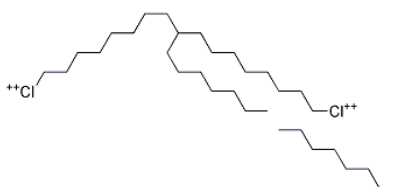
Di(Octyl/Decyl)Dimethyl Ammonium Chloride (D8021)

CAS No. 68424-95-3

Molecular Formula: $C_{32}H_{66}Cl_2$

Molecular weight: 521.77

Structural Formula:



Properties:

[Di\(Octyl/Decyl\)Dimethyl Ammonium Chloride](#) has excellent surface activity, stability, biodegradability, and it is ideal for recirculation water systems where control of undesirable microbes without excessive foam is essential.

Specification:

Items	Index	
Appearance	Clear, pale yellow to straw liquid	Clear, pale yellow to straw liquid
Active content, %	48-52	78-82
pH(10% water solution)	5.0-9.0	5.0-9.0
Free amine, %	2.0 max	2.0 max

Usage:

[Di\(Octyl/Decyl\)Dimethyl Ammonium Chloride](#) has a special effect of emulsion, dyeing,

sterilization and disinfection washing etc. can be used as antistatic agent, corrosion inhibitor, fabric softener, carding additives, mineral flotation agent, polishing and emulsion. Compounding with 1227 can be used as industrial water treatment, aquaculture and fruit trees, farmland biocide. It is mainly used as following fields:

1. Used as fungicide of injection water of oilfield and industrial circulating cooling water.
2. Used as disinfectant, fungicide and wood preservative agents.
3. Used as moth-proofing agents of textile.

Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement. Storage for one year in shady room and dry place.

Safety Protection:

A little smell of almond, no visible stimulation to skin. When contacted, flush with water.

Synonyms:

[quaternary ammonium compounds,di-c8-10-alkyldimethyl,chlorides](#)

[dicapryl/dicaprylyl dimonium chloride](#)

[di-c8-10-alkyldimethylammonium chloride](#)

[mixed dialkyl dimethyl ammonium chloride](#)

[n,n-dialkyl\(c8-10\)-n,n-dimethyl ammonium chloride \(in 40% ethanol / 10%water\)](#)

[n,n-dialkyl\(c8-10\)-n,n-dimethylammoniumchloride \(in 10% ethanol / 10%water\)](#)

[BARDAC2050](#)

[BARDAC2080](#)

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