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

CAS No.	68424-95-3	EINECS No.	270-331-5
Molecular Formula	$C_{32}H_{66}Cl_2+4$	Molecular Weight	521.77

Structural Formula
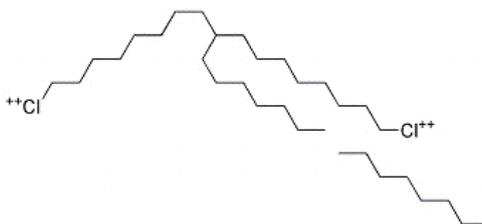
Product Features

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.

Technical Specification

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

Applications & 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.

Di(Octyl/Decyl)Dimethyl Ammonium Chloride 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.

Address: No.1, Fuqian South Road, Xuecheng Chemical Industrial Park, Xuecheng District, Zaozhuang City, Shandong Province, China   kairuiwater.com | krwater.com

Package & Storage

25L Drum	200L Drum	1000L IBC
Storage for ten months in shady room and dry place.		

Hazard & Safety Precaution

Hazard Information	Satety Precaution
Corrosive and Toxic, Class 8(6.1) , UN2922	
Once contacted with eye and skin, flush with plenty of clean water..	

Alternative Name / 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