

Product Information

Barquat DM-50

The grade one ADBAC.

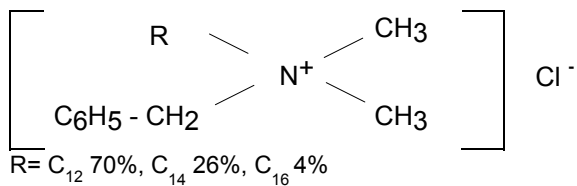
Specially selected blends of Alkyl Dimethyl Benzyl Ammonium Chlorides.

Effective microbiocide, deodorant, and algacide.

1. Active matter

Alkyl Dimethyl Benzyl Ammonium Chloride

INN: Benzalkoniumchloride



1.1	C A S No.:	68424-85-1
1.2	EEC-number:	270-325-2
1.3	UN No.:	3265
1.4	INCI-Name:	Benzalkonium Chloride

2. Specifications

2.1	Appearance at 20°C	clear liquid
2.2	Colour (Apha)	200 max.
2.3	pH 10% aqueous solution	5.0 - 7.0
2.4	Assay (Titration, MW 360)	50.0 - 52.0 %
2.5	free Amine + Amine HCl	1.30 % max.

3. Properties

3.1	Odour	mild
3.2	Density	0.98 g/ml
3.3	Average Molecular weight	360
3.4	Flash Point (Abel Pensky cc)	> 100 °C
3.5	Surface tension (1% aqueous solution)	30 mN/m
3.6	Ionogenicity	cationic
3.7	Freeze thaw stability	good
3.8	Solubility	soluble in water, lower alcohols, ketones and glycols
3.9	Compatibility	compatible with inorganic builders and nonionic surfactants
3.10	Setting point	< - 0°C
3.11	Water	48 - 50 %

4. Registrations

- 4.1 Europe Listed as a preservative for cosmetics on the EEC positive list
European Inventory of Existing Chemical Substances (EINECS)
- 4.2 U S A EPA registration No. 6836-18
Toxic Substances Control Act (TSCA) Inventory
FDA 21 CFR 178.1010 approval
- 4.3 Australia Australian Inventory of Chemical Substances (AICS)
- 4.4 Canada Canadian Domestic Substances List (DSL)

5. Use areas

Hospital Area Disinfection -- General Disinfection -- General Sanitizing
Algae Control for Swimming Pools

6. Recommendations to formulate

Incompatible with anionic detergents.

7. Analytical procedure

Titration (ISO 2871-2)

8. Storage

Product is supplied in polyethylene drums holding 200 kgs net.
STIR THOROUGHLY BEFORE USE TO ASSURE UNIFORMITY.
It can be stored in the sealed original drum over a period of two years.

9. Regulatory information

refer to MSDS

10. Toxicological information

refer to MSDS

11. Ecological and ecotoxicological information

refer to MSDS