



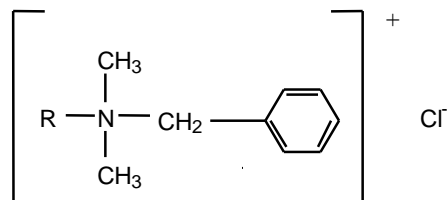
Mon-Droguiste.Com
39 Bis Rue Du Moulin Rouge
10150 Charmont Sous Barbuise
Tél : +33.(0)3.25.41.04.05
Email : contact@mon-droguiste.com
Web : www.mon-droguiste.com

Product

BTC[®] 50 E

Name

Chemical
Structure



R typical = 68% C12, 26% C14, < 5% C16.

CAS
Registry N°.

68424-85-1

Chemical
Description

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

INCI Name

Benzalkonium Chloride

Applications

BTC[®] 50 E is used for hard surface disinfection, sanitization and deodorization. BTC[®] 50 E is compatible with cationics, nonionics and amphoterics at the proper pH range as well as alkaline & acid inorganics and most mineral and organic acids.

Typical
Properties

Appearance at 25°C Clear Liquid
Actives (EW= 355), % 51 typical
Free Amine + amine HCl, % 1 max.
pH, 5% aqueous 7.5 typical
Colour APHA 150 max.
Density, g/cm³ 0.995 typical

Biodegradability

BTC[®] 50 E complies with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

Storage &
Handling

Handle BTC[®] 50 E series with care. Use in well ventilated area. Avoid contact with eyes, nose or prolonged skin contact. Gloves, protective clothing, safety goggles and face shield should be worn when handling BTC[®] 50 E. Wash thoroughly after handling material.

It is recommended that BTC[®] 50 E be stored in its original sealed containers and kept in a cool, dry place. If material is frozen it should be heated gently to 45°C-50°C and stirred to ensure it is homogeneous before use.

Bulk Storage information: **Whenever possible the use of non metal or coated metal equipment is preferred to prevent unavoidable corrosion.** BTC[®] 50 E can be stored in vessels made of High density Polyethylene, Polypropylene or Fiberglass with a corrosion liner. Contact between quaternaries & anionic materials, soap and sulphated oils must be avoided. At use dilution, BTC[®] quaternaries are non-corrosive to most plastics, natural rubber, stainless steel, iron, brass, aluminium, lead and tin; however, BTC[®] quaternaries as supplied may be corrosive to the materials listed above.



BTC[®] 50 E should be stored between 5°C-45°C. An internal hairpin coil of 316 stainless steel with low pressure steam (under 50 psig) may be used if heating is required. Mild agitation is recommended while storing to maintain homogeneity.

Packaging

BTC[®] 50 E is available in intermediate bulk containers (950kg), in drums (200kg) and in bulk quantities.

Global inventories

All active components of BTC[®] 50 E are listed in the following countries; registration numbers for the active ingredient are included below.

It is the responsibility of the importer and the end user to review and comply with the chemical control regulations for each country.

USA	TSCA listed under CAS 68424-85-1
Australia	AICS listed under CAS 68424-85-1
Canada	DSL listed under CAS 68424-85-1
China	IECSC listed under CAS 68424-85-1
European Union	EINECS listed – EC number 270-325-2
Japan	ENCS & ISHL listed - Japanese ENCS/ISHL Number: (3)-2694
Korea	KECI listed – Korean ID Number: KE-29999
Mexico	INSQ listed under CAS 68424-85-1
New Zealand	NZIoC listed – HSNO Approval Number(s): HSR005625(dilution) HSNO Approval Number(s): HSR005068(dilution) HSNO Approval Number(s): HSR005673(dilution)
Philippines	PICCS listed under CAS 68424-85-1
Taiwan	TCSI listed under CAS 68424-85-1
Thailand	TECI listed - TECI Number: 55-1-05398
Vietnam	Listed on the Vietnam Draft Inventory List under CAS 68424-85-1

Additional Safety Information

BTC[®] is a registered trademark.

A Material Safety Data Sheet is available upon request.

For Additional Assistance

Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacturer or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.