

QUATERNARY AMMONIUM COMPOUNDS (QUATS)

| Abbreviation | Product Name | CAS No. | Application Examples |
|------------------|---|-------------|--|
| ALGENE N40 | Algene N-40 (Dcp 1062) | 1119-97-7 | Disinfectant |
| BKCC14 | Benzyl dimethyl tetradecyl- ammonium Chloride Solid | 139-08-2 | Algaecides, Analytical Chemistry, Epoxy Resins Preservative, Microbiocides |
| BKCC16 | Benzyl dimethyl hexadecyl- ammonium Chloride Solid | 122-18-9 | Cationic Surfactants, Fungicide, Germicide, Mildew Preventative in Silicon-based Water Repellents, Leather Processing, Textile Dyeing |
| BTBAB | Benzyl tributyl ammonium Bromide Solid | 25316-59-0 | Analytical Chemistry, Curing Agent for Coatings & Resins, Polymers & Plastics, Pharmaceutical Intermediate, PTC, Water Treatment |
| BTBAC | Benzyl tributyl ammonium Chloride Solid | 23616-79-7 | Agrochemicals, Curing Agent for Coatings & Resins, Polymers & Plastics, Pharmaceutical Intermediate, PTC |
| BTEAC & BTEAC50% | Benzyl triethyl ammonium Chloride Solid & in 50% H2O Solution | 56-37-1 | Antistatic Agent, Coatings, Electronics, Flavours & Fragrances, Insecticides, Pharmaceutical Intermediate, Polymers & Plastics |
| BTMAC | Benzyl trimethyl ammonium Chloride Solid | 56-93-9 | Cellulose Solvent, Emulgator, Pharmaceutical intermediate, Polymerization Inhibitor, PTC |
| BTMADCI | Benzyl trimethyl ammonium Dichloriodide Solid | 114971-52-7 | Disinfectants, Mild & Safe Brominating and Oxidising Agent in Organic Synthesis, Pesticides, Pharmaceutical Intermediate |
| BuTPPB | Butyl triphenyl phosphonium Bromide Solid | 1779-51-7 | Curing Agent for Coatings & Resins, Electronics, Flame Retardants, Pesticides, Pharmaceutical Intermediate |
| BuTPPC | Butyl triphenyl phosphonium Chloride Solid | 13371-17-0 | Curing Agent for Coatings & Resins, Flavours & Fragrances, Pharmaceutical Intermediate, Vitamins, Polymers & Plastics |
| BZTPPC | Benzyl triphenyl phosphonium Chloride Solid | 1100-88-5 | BTPP Phenoxide Salts & Pharmaceutical Intermediate, Curing Agent for Coatings & Resins, Vulcanizing Agent in Fluorine Rubber |
| CTMAB | Cetyl trimethyl ammonium Bromide Solid | 57-09-0 | Antimicrobials, Antistatic Agent, Cosmetics, Emulsifying Agent, Pharmaceutical Intermediate, Preservatives, Polymers & Plastics, Surfactants |
| CTMAC | Cetyl trimethyl ammonium Chloride Solid | 112-02-7 | Antimicrobials, Antistatic, Conditioning & Emulsifying Agent, Preservatives, Surfactants, Topical Antiseptics |
| CTAC 30% & 50% | Cetyl Trimethyl ammonium chloride in 30% & 50% H2O solution | 112-02-7 | Cationic Surfactant used in the synthesis of Mesoporous Molecular Sieves & Micelle Complexes. Dispersant to prevent aggregation of nanoparticles. Conditioning Agent in Cosmetics & Surfactant in Construction industries. |
| CETATS | Cetyl Trimethyl Ammonium-P-Toluene Sulfonate | 138-32-9 | Development of a Silica Grafted Polydentate Copper (II) Complex. Carbon Nanotubes Analysis. Pharmaceutical Intermediate. |
| DTMAB | Dodecyl trimethyl ammonium Bromide Solid | 1119-94-4 | Cationic Surfactant in Miscellaneous Compositions, Pharmaceutical Intermediate, PTC |

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| DTMAC | Dodecyl trimethyl ammonium Chloride Solid | 112-00-5 | Analytical Chemistry, Cosmetics (Hand Sanitisers), Pharmaceutical Intermediate |
| ETPPB | Ethyl triphenyl phosphonium Bromide Solid | 1530-32-1 | Coatings, Pharmaceutical Intermediate, Polymers & Plastics, PTC |
| MES | Mecetronium Ethosulfate | 3006-10-8 | Disinfectant |
| MTBAC75% | Methyl tributyl ammonium Chloride in 75% H2O Solution | 56375-79-2 | Agrochemicals, Fungicides, Pharmaceutical Intermediate, PTC |
| MTEAC | Methyl triethyl ammonium Chloride Solid | 10052-47-8 | Agrochemicals, Chromatography, Dyes, Pharmaceutical Intermediate |
| MTOAC | Methyl trioctyl ammonium Chloride Liquid | 5137-55-3 | Flavours & Fragrances, Fluorination, Insecticides, Metals Extraction & Separation, Pharmaceutical Intermediate, PTC |
| MTPPB | Methyl triphenyl phosphonium Bromide Solid | 1779-49-3 | Methylating Agent, Pharmaceutical Intermediate, Wittig Reagents |
| MyTAC | Myristyl trimethyl ammonium Chloride Solid | 4574-04-3 | Antistatic Agent, Cationic Surfactant, Cosmetics, Pharmaceutical Intermediate |
| PTMAC | Phenyl trimethyl ammonium Chloride Solid | 138-24-9 | Agrochemicals, Dyes, Methylating Agent, Pharmaceutical Intermediate |
| TBAA | Tetra Butyl Ammonium Acetate | 10534-59-5 | Catalyst, Curing Agent & Initiator in the Polymer industry. A Catalyst for the Alkynylation of Carbonyl Compounds with Trimethylsilylacetylenes. PE/PP Clarifying Agent, Epoxy Polymerization Initiator, Surfactant, Emulsifier & Antistatic Agent. |
| TBAB & TBAB50% | Tetrabutyl ammonium Bromide Solid & in 50% Solution | 1643-19-2 | Antimicrobials, Antistatic Agents, Coatings, Cosmetics, Epoxy Resins, Fragrances & Flavours, Inks Production, Insecticides, Paints, Polymers & Plastics, Pharmaceutical Intermediate, PTC |
| TBANO3 | Tetra Butyl Ammonium Nitrate | 1941-27-1 | Use as Phase Transfer Catalyst; Fertilizer in Agrochemicals |

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| TBAF 1M Soln in THF | Tetrabutyl ammonium fluoride 1M solution in THF | 429-41-4 | A Reagent for the deprotection of silyl and N-sulfonyl groups. In Fluorination reactions. Synthesis of 2-substituted indoles by cyclization reaction of various 2-ethynylanilines with terminal alkynes using Pd catalyst. As an activator in the synthesis of arylated or alkenylated alkynes by the coupling reaction of aryl and alkenyl halides with terminal alkynes in the presence of Pd catalyst. A Reactant for preparation of a Triple Monoamine reuptake inhibitors as a new generation of Antidepressants; Anti-diabetic polyacetylenic glucosides; Conjugated dienoic acid esters using Suzuki coupling reactions; Phosphoinositide 3-kinase (PI3K)/mammalian target of rapamycin (mTOR) dual inhibitors; Macrocytic o-aminobenzamide Hsp90 inhibitor with antitumor activity; Alcohols via hydrolysis of alkyl silyl ethers neutral pH in mixed organic-aqueous buffered solutions; Oligoribonucleotides with phosphonate-modified linkages; Aryl alkyl alcohols via Nozaki-Hiyama allylation catalyzed by chiral bipyridyldiol ligands and chromium trichloride. |
| TBAF 3H ₂ O | Tetrabutyl ammonium Fluoride Trihydrate Solid | 87749-50-6 | Dehydrobromination Reactions, Preparation of Cellulose Derivatives, Surfactants, Synthesis of Lipophilic Peptides |
| TBAI | Tetrabutyl ammonium Iodide Solid | 311-28-4 | Catalytic Agent, Petrochemical Additive, Pharmaceutical Intermediate, Polarographic Analytical Reagent |
| TBATFB | Tetrabutyl ammonium Tetrafluoroborate Solid | 429-42-5 | Electrolytes, Etching Agent, Pharmaceutical Intermediate |
| TEAB | Tetraethyl ammonium Bromide Solid | 71-91-0 | Ion-Pairing Reagent in Chromatography, Pesticides, Pharmaceutical Intermediate, PTC, Surfactants |
| TMAC & TMAC50% | Tetramethyl ammonium Chloride Solid & in 50% H ₂ O Solution | 75-57-0 | Hydrofracking Agent, Pharmaceutical Intermediate, PTC, Viscosity Controlling Agent |
| TOAB | Tetraoctyl ammonium Bromide Solid | 14866-33-2 | Agrochemicals, Dyes, Pharmaceutical Intermediate, PTC |
| TBAOH | Tetra butyl ammonium hydroxide | 2052-49-5 | Dissolution of Cellulose, Catalyst for Azoles Synthesis, Preparation of Fatty Acid Salts, Pharmaceutical Intermediate |
| TBAF6PO | Tetrabutyl ammonium Hexafluoro Phosphate Solid | 3109-63-5 | Conductive Agent, Ion-Pairing Reagent in Chromatography, Pharmaceutical Intermediate, PTC |
| TBAHS | Tetrabutyl ammonium Hydrogen Sulphate Solid | 32503-27-8 | Agrochemicals, Coatings, Pharmaceutical Intermediate, PTC |
| TBAI | Tetrabutyl ammonium Iodide Solid | 311-28-4 | Catalytic Agent, Petrochemical Additive, Pharmaceutical Intermediate, Polarographic Analytical Reagent |
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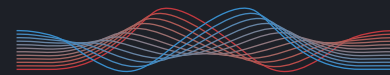
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