

# OUTSOURCED QUATERNARY AMMONIUM COMPOUNDS (QUATS)

Abbreviation	Product Name	CAS No.	Application Examples
BTMABr3	Benzyl trimethyl ammonium Tribromide Solid	111865-47-5	Mild & Safe Brominating and Oxidising Agent in Organic Synthesis, Pharmaceutical Intermediate
BTMAOH40%	Benzyl trimethyl ammonium Hydroxide in 40% Methanol Solution	100-85-6	Alkaline Catalyst, Developer for Photoresist Materials, Food/Feed Additives & Preservatives, PTC in Pharmaceutical APIs & Excipients Production
BZTPPB	Benzyl triphenyl phosphonium Bromide Solid	1449-46-3	Curing Agent for Coatings & Resins, Intermediate for APIs & Manufacturing of BTPP Phenoxide Salts
MTPPC	Methyl triphenyl phosphonium Chloride Solid	1031-15-8	Anti-Corrosion Agents, Methylating Agent, Wittig Reagents
SuBen	Sucrose Benzoate Solid	12738-64-6	Cosmetics (Nail Polishes & Nail Treatments), Films & Inks Production, Plasticisers, Resins
TBAC50%	Tetrabutyl ammonium Chloride in 50% H <sub>2</sub> O Solution	1112-67-0	Greener Deoxychlorination, Pharmaceutical Intermediate, PTC in Miscellaneous Processes
TBABr3	Tetrabutyl ammonium Tribromide Solid	38932-80-8	Mild & Safe Brominating and Oxidising Agent in Organic Synthesis, Pharmaceutical Intermediate
TEAOH25%	Tetraethyl ammonium Hydroxide in 25% H <sub>2</sub> O Solution	77-98-5	Biocidal Formulations, PTC, Zeolite Directing Agent
TMAOH25%	Tetramethyl ammonium Hydroxide in 25% H <sub>2</sub> O Solution	75-59-2	Biocidal Formulations, Developer for Photoresist Materials, Etchant for Silicon in Electronics, Photography, Surfactants
TPPB	Tetraphenyl phosphonium Bromide Solid	2751-90-8	Curing Agent for Coatings, Pharmaceutical APIs & Excipients Production, Polymers & Plastic, PTC

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