PILOT CHEMICAL COMPANY

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MASON® BZT

PRODUCT DATA SHEET

PDS 873187.3.ACTIVE.06212024

PRODUCT DESCRIPTION

Mason® BZT is a 97% minimum active benzethonium chloride USP crystalline powder.

COMMON CHEMICAL NAME

Benzethonium Chloride

CAS #

121-54-0

TYPICAL PROPERTIES

Appearance	White crystalline powder
Assay, wt.%	97.0 minimum
pH (1% soln.)	5.0 – 6.5
Color (10% soln.), APHA	< 40
Melting Point	158 – 163°C (316.4 – 325.4°F)
Loss on drying, wt.%	5.0 maximum
Residue on ignition, wt.%	0.1% maximum
Residual solvent, ppm	< 890
Heavy metals, ppm	< 10
Density	440 g/L (3.67 lb./gal.)
Shelf Life	3 Years

APPLICATIONS

Mason® BZT can be used as an antimicrobial or preservative agent in personal care formulations, veterinary and proprietary pharmaceutical products for topical applications. Mason® BZT can be used as the active ingredient in many applications like non-alcohol hand sanitizers, hand washes for healthcare and personal care hand soaps, wipes, and many others. Mason® BZT can also be used as the active ingredient in hard surface disinfectant and sanitizer formulations*.

**Mason® BZT is not registered with the U.S. EPA as a biocide nor listed with the U.S. FDA. Customers are responsible for ensuring regulatory compliance for the use and region of interest.*

ADVANTAGES

Mason® BZT is compatible with cationic, non-ionic, and anionic formulations. For anionic formulations, stability trials are recommended. Mason® BZT is soluble in small chain alcohols, water, and glycols. Mason® BZT can be added at a wide range of pH and temperatures and can be formulated into both powdered and liquid products.

STORAGE & HANDLING

Refer to the Mason® BZT (Safety Data Sheet) before handling. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a tightly closed container. Do not store with strong oxidizing agents. Recommended storage at ambient temperatures.

PACKAGING

Mason® BZT is available in 66 lb. (30 kg.) fiber drums.

AVAILABILITY

Latin America. Please contact your Pilot Sales Representative for the latest product availability in the Region.

See additional product information at www.pilotchemical.com.

The information and suggestions given are drawn from data we believe to be reliable, but in all cases, the user should check and confirm the suggestions and results in his own use before proceeding further. None of the suggestions or recommendations constitute freedom from any patents that may be existent in the field or be issued.

RESPONSIBLE CARE®