PILOT® CHEMICAL COMPANY

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NOBAC® BZT USP

PRODUCT DATA SHEET

PDS 873185.3.ACTIVE.03142024

PRODUCT DESCRIPTION

Nobac® BZT USP 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

Nobac® BZT USP can be used as the active ingredient in hand hygiene applications like antiseptic hand washes for healthcare and OTC consumer antibacterial hand soaps and body wash.

ADVANTAGES

Nobac® BZT USP is compatible with cationic, non-ionic, and anionic formulations. For anionic formulations, stability trials are recommended. Nobac® BZT USP is soluble in small chain alcohols, water, and glycols. Nobac® BZT USP 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 Nobac® BZT USP Safety Data Sheet (SDS) 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

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

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.

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