PILOT CHEMICAL COMPANY

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NOBAC® BKC USP

PRODUCT DATA SHEET

PDS 873184.4.ACTIVE.06212024

PRODUCT DESCRIPTION

Nobac® BKC USP is a 50% active Benzalkonium Chloride in a water-and-ethanol solution. Nobac® BKC USP is manufactured under current Good Manufacturing Practice (cGMP) conditions and meets the standard for use as an FDA active pharmaceutical ingredient (API).

COMMON CHEMICAL NAME

Benzalkonium Chloride

CAS #

8001-54-5 (Alt. 68424-85-1)

TYPICAL PROPERTIES

Appearance	Colorless, clear liquid
Active, wt. %	50.0
Ethanol, v/v. %	5.9 – 6.5
pH (10% solution)	7.0 – 9.0
Color, APHA	< 200
Water Solubility	Miscible
Flashpoint (TCC)	129.2°F (54°C)
Freeze Point	23°F (-5°C)
Shelf Life	3 Years

APPLICATIONS

Nobac® BKC USP can be used as the active ingredient in both healthcare and consumer over-the-counter (OTC) topical antiseptic hand rubs and washes per the perspective FDA Monograph for these product types. Benzalkonium chloride is an approved active to be used in the following product types: health-care personnel hand washes, surgical hand scrubs, health-care personnel hand rubs, patient antiseptic skin preparations, consumer hand and body washes, consumer hand sanitizers and consumer antiseptic wipes.

ADVANTAGES

Benzalkonium chloride is one of a limited number of FDA approved chemistries that can be used as an active ingredient in both healthcare and consumer topical antiseptic hand washes and rubs.

Nobac® BKC USP is evaluated against the USP-NF Benzalkonium Chloride Solution Monograph.

STORAGE & HANDLING

Refer to the Nobac® BKC USP SDS (Safety Data Sheet) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Material is slippery on wet and hard surfaces. Store in tightly closed container and prevent contact with metals. Do not store with strong oxidizing agents. Avoid excessive heat. Product is not damaged by freezing. If material becomes frozen it should be heated gently and stirred to ensure it is homogeneous before use.

PACKAGING

Nobac® BKC USP is available in 440 lb. (200 kg.) poly drums and 2205 lb. (1000 kg.) poly totes.

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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