PILOT CHEMICAL COMPANY

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MASON® CSEBC-50

PRODUCT DATA SHEET

PDS 874202(1).ACTIVE.06142023

PRODUCT DESCRIPTION

Mason® CSEBC-50 is a 50% blend of alkyl dimethyl benzyl ammonium chloride (ADBAC) and alkyl dimethyl ethylbenzyl ammonium chloride (ADEBAC) compounds in a water solution. Mason® CSEBC-50 is a versatile cationic surfactant that can be used in a wide range of applications.

COMMON CHEMICAL NAME

Alkyl Dimethyl Benzyl Ammonium Chloride &
Alkyl Dimethyl Ethylbenzyl Ammonium Chloride

CAS #

68391-01-5 (ALT. 53516-76-0) & 85409-23-0 (ALT. 68956-79-6)

TYPICAL PROPERTIES

Appearance at 25˚C	Clear, colorless to light straw liquid
Active Quaternary, wt. %	50.0
Free Amine + Free Amine HCl, wt. %	< 2.0
pH (10% Solution)	6.0 – 9.0
Color (as is), APHA	< 80
Freeze Point	0ºC (32ºF)
Shelf life	2 Years

APPLICATIONS

Mason® CSEBC-50 is a cationic surfactant that can be used in various products including HI&I deodorizers and cleaners, and personal care formulations. Mason® CSEBC-50 can be used an emulsifier in degreasers, pine oil and d-Limonene cleaners, and an anti- stat in vehicle cleaners. Mason® CSEBC-50 can be used as a deodorizer to remediate mildew odor in textiles, and as a general odor control agent in formulated sanitation products. In personal care products, Mason® CSEBC-50 can be used as antistatic and hair conditioning agents, and personal cleansing formulations.

ADVANTAGES

The high purity of the starting material delivers a consistent, low color and odor, high performance product that can be differentiated into consistent, high value end-use products.

HANDLING & STORAGE

Refer to the Mason® CSEBC-50 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. Do not store with strong oxidizing agents. Avoid excessive heat. Recommended storage temperatures above 35°F. 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

Mason® CSEBC-50 is available in 440 lb. poly drums and 2200 lb. poly totes.

See starting formulas and 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 confim 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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