PILOT® CHEMICAL COMPANY

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MASON® CS-125

PRODUCT DATA SHEET

PDS 873102.2.DRAFT.03042025

PRODUCT DESCRIPTION

Mason® CS-125 is a 50% active blend of alkyl dimethyl benzyl ammonium chloride, ADBAC, compound in water. Mason® CS-125 is a versatile cationic surfactant that can be used in a wide range of applications.

COMMON CHEMICAL NAME

Alkyl dimethyl benzyl ammonium chloride

CAS #

68391-01-5 (Alt. 53516-76-0)

TYPICAL PROPERTIES

Appearance at 25ºC	Clear, colorless to light straw liquid
% Active Quaternary (MW: 360), wt. %	50.0
Free Amine + Free Amine HCl, wt. %	< 3.0
pH (10% Solution)	6.0 – 9.0
Color (as is), APHA	< 80
Flash Point (Tag Closed Cup)	>100ºC (212ºF)
Shelf life	2 years

APPLICATIONS

Mason® CS-125 is a cationic surfactant that can be used in various products including HI&I deodorizers and cleaners, and personal care formulations. Mason® CS-125 can be used an emulsifier in degreasers, pine oil and d-Limonene cleaners, and an antistat in vehicle cleaners. Mason® CS-125 can be used as a deodorizer to remediate mildew odor in textiles, and as a general odor control agent in formulated sanitation products.

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.

STORAGE & HANDLING

Refer to the Mason® CS-125 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. Mason® CS-125 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® CS-125 is available in 440 lb. poly drums and 2200 lb. 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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