PILOT CHEMICAL COMPANY

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MASON® CS-15M

PRODUCT DATA SHEET

PDS 872102.3.ACTIVE.06212024

PRODUCT DESCRIPTION

Mason® CS-15M is a 50% active blend of alkyl dimethyl benzyl ammonium chloride, ADBAC, and didecyl dimethyl ammonium chloride, DDAC, compounds in a water and ethanol solution. Mason® CS-15M is a versatile cationic surfactant that can be used in a wide range of applications.

COMMON CHEMICAL NAME

Alkyl dimethyl benzyl ammonium chloride, Didecyl dimethyl ammonium chloride, Octyl decyl dimethyl ammonium chloride, Dioctyl dimethyl ammonium chloride

CAS #

68424-85-1, 7173-51-5, 32426-11-2, 5538-94-3

TYPICAL PROPERTIES

Appearance at 25°C	Clear, colorless to light straw liquid
% Active Quaternary (MW: 342), wt. %	50.0
Free Amine + Free Amine HCl, wt. %	<3.0
Ethanol, wt.%	5 – 10
pH (10% Solution)	6.0 – 9.0
Color (as is), APHA	< 200
Freeze Point	-5°C (23°F)
Shelf life	2 years

APPLICATIONS

Mason® CS-15M is a cationic surfactant that can be used in various products including HI&I deodorizers and cleaners, oil and gas applications and personal care formulations. Mason® CS-15M can be used an emulsifier in degreasers, pine oil and d-Limonene cleaners, and an anti-stat in vehicle cleaners. Mason® CS-15M can be used as a deodorizer to remediate mildew odor in textiles, and as a general odor control agent in formulated sanitation products. Mason® CS-15M can be used as antistatic and hair conditioning agent in personal care 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.

STORAGE & HANDLING

Refer to the Mason® CS-15M 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-15M 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-15M is available in 425 lb. poly. drum and 2000 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.

RESPONSIBLE CARE®