PILOT® CHEMICAL COMPANY

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www.pilotchemical.com
9075 Centre Pointe Drive Suite 400
West Chester, OH 45069

MASON® CS-428

PRODUCT DATA SHEET

PDS 873201.1.ACTIVE.01272023

PRODUCT DESCRIPTION

Mason® CS-428 is an 80% active alkyl dimethyl benzyl ammonium compound (ADBAC) in a water and ethanol solution. Mason® CS-428 is a versatile cationic surfactant that can be used in a wide range of applications.

COMMON CHEMICAL NAME

Alkyl Dimethyl Benzyl Ammonium Compound

CAS#

68424-85-1

TYPICAL PROPERTIES

Appearance at 25°C	Clear, colorless to light straw liquid
% Active Quaternary (MW: 358), wt. %	80.0
Free Amine + Free Amine HCl, wt. %	<3.0
Ethanol, wt.%	9.0 – 18.0
pH (10% Solution)	6.0 – 9.0
Color (as is), APHA	< 150
Freeze Point	0ºC (32ºF)
Shelf life	2 years

APPLICATIONS

Mason® CS-428 is a cationic surfactant that can be used in various products including HI&I deodorizers and cleaners. Mason® CS-428 can be used as an emulsifier in degreasers, pine oil and d-Limonene cleaners, and as an anti-stat in vehicle cleaners. Mason® CS-428 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.

HANDLING & STORAGE

Refer to the Mason® CS-428 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 temperature above 45°F. Product may crystallize in cold temperatures. If material crystallizes or becomes frozen it should be heated gently, keeping below 100˚F, and stirred to ensure it is homogeneous before use. Mason® CS-428 is not damaged by freezing.

PACKAGING

Mason® CS-428 is available in 425 lb. poly drums, 2000 lb. poly totes and bulk quantities.

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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