PILOT CHEMICAL COMPANY

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MACARE® G-2C

PRODUCT DATA SHEET

PDS 804102.2.ACTVE.06142023

PRODUCT DESCRIPTION

Macare® G-2C is a 2-mole ethoxylated glycerin fatty acid ester. Macare® G-2C delivers unique thickening, foam boosting and stabilizing, solubilizing, and emollient properties to personal care formulations.

COMMON CHEMICAL NAME

Glycereth-2 Cocoate

CAS #

68201-46-7

TYPICAL PROPERTIES

Appearance	Clear amber liquid
pH (5% solution)	5.0 -- 7.0
Color (as is), APHA	< 150
Saponification Value, mg. KOH/ g.	108 – 124
Hydroxyl Number, mg. KOH/ g.	450 – 490
HLB (calculated)	11.3
Water Solubility	Soluble
Freeze Point	0˚C (32˚F)
Shelf Life	2 Years

APPLICATIONS

Macare® G-2C can be used as a nonionic emulsifier, foam booster and stabilizer, and as convenient and efficient thickener. Macare® G-2C is an excellent choice for use in a wide range of personal care products including shampoos, mild skin cleaners, soap and shave gels, skin lotions, and bath oils.

ADVANTAGES

Macare® G-2C can be used as an alternative to Cocamide DEA. Macare® G-2C is compatible with anionic, amphoteric, cationic, and other nonionic surfactants. Macare® G-2C is not affected by hard water and is stable in aqueous solutions with pH range of 4 – 8.

HANDLING & STORAGE

Refer to the Macare® G-2C SDS (Safety Data Sheet) before handling. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment and observe good industrial hygiene practices. Store in a tightly closed container. Do not store with strong oxidizing agents. Avoid freezing and excessive heat. Recommended storage temperatures are above 41-100˚F to maintain liquid state. If frozen, mild heat (77˚F) can be applied with agitation. Ensure product is homogenous before use.

PACKAGING

Macare® G-2C is available in 463 lb. poly drums.

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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