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2744 East Kemper Road • Cincinnati, OH 45241

MASAMIDE® REP

PRODUCT DATA SHEET

775101.1.091416

PRODUCT DESCRIPTION

Masamide® REP is a 36% active, nonionic, amphoteric surfactant blend developed as a cocamide DEA replacement in response to the California Office of Environmental Health Hazard Assessment (OEHHA) listing of diethanolamide (DEA) to the Proposition 65 List of Chemicals Known To The State To Cause Cancer or Reproductive Toxicity.

Masamide® REP is a high foaming thickener made from renewable raw materials, characterized by very good wetting, dispersing, detergency, foaming, coupling, hydrotrope, and surface tension reduction properties for increased soil removal and emulsification. Masamide® REP has excellent solubility and stability in alkaline and high electrolyte systems. Masamide® REP offers excellent viscosity building performance through the economical application of salt additives, and great foaming characteristics.

INCI NAME

Caprylyl/Capryl Glucoside / Cocamidopropyl Betaine / Lauramine Oxide

CAS

68515-73-1, 61789-40-0, 1643-20-5

TYPICAL PROPERTIES

Water Solubility	Complete
Physical Form @ 25°C	Clear, light yellow liquid
Charge	Nonionic/Amphoteric
Color (APHA)	500 max.
Odor	Low Odor
Specific Gravity @ 25°C	1.03 ±0.08
pH	6.0-9.5
Freezing Point	32°F (0°C)
Flash Point (PMCC)	>200°F (>93.3°C)
RVOC, U.S. EPA, %	0

APPLICATIONS

With its unique wetting, dispersing, detergency, solubilizing and emulsification properties, Masamide® REP is a multifunctional surfactant for use in a wide range of products and applications such as Personal Care formulations, Liquid Detergents, Household and Industrial Cleaners. Masamide® REP can be used as a standalone surfactant or with amphoteric, nonionic, cationic and anionic surfactants.

ADVANTAGES

Masamide® REP is readily biodegradable with excellent viscosity building and foaming properties. Masamide® REP is:

- DEA- Free
- Dioxane-Free
- Formaldehyde-Free
- Sulfate-Free
- VOC-Free
- Solvent-Free
- HAP-Free
- Preservative-Free
- Contains NO Prop-65 Ingredients
- Readily Biodegradable
- Made of CleanGredients/DfE Pre-Screened
- Approved Components
- Cold Blendable – No Heat Required
- Made in the U.S.A

The information provided is current as of the date of publication as shown by the document control number.

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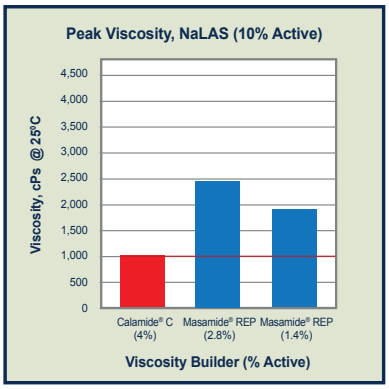
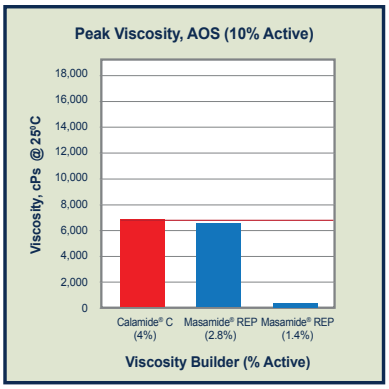
775101.1.08022016

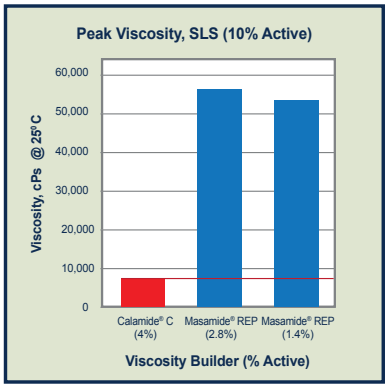
USAGE PERFORMANCE

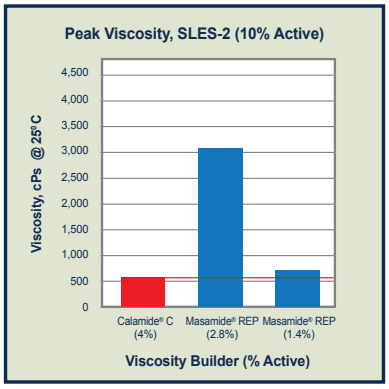
Masamide® REP was compared to Cocamide DEA, Calamide C, to measure performance across industry standard primary surfactants.

Testing Method: Peak viscosity was measured using 10% Active primary surfactant, then adding the viscosity builder and water to create a 100% total solution. Sodium chloride was incorporated at 0.5% increments until peak viscosity was reached.









Note: Masamide® REP (36% active): 2.8% active = 7.78 % product / 1.4% active = 3.9% product

REGULATORY

Masamide® REP is listed with the following country chemistry inventories USA – TSCA, Canada - DSL, Europe – EINECS/NLP, Australia - AICS, China - IECSC, Korea – ECL, Japan – ENCS, Philippines (PICCS) and New Zealand - NZIoC

HANDLING & STORAGE

Store Masamide® REP in a cool, well-ventilated place away from strong oxidizing or reducing materials. Protect material from direct sunlight or excessive heat. If material is frozen, use mild heat and agitation to ensure the material is homogeneous before use. Please refer to the SDS before handling.

PACKAGING

450 lbs Polyethylene Drums | 2250 lbs Polyethylene 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 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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