PILOT CHEMICAL COMPANY

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MASAMIDE® R-4

PRODUCT DATA SHEET

PDS 775001.3.ACTIVE.02072024

PRODUCT DESCRIPTION

Masamide® R-4 is a 90% minimum active PEG-4 Rapeseedamide in water. Masamide® R-4 is a non-ionic surfactant used as a viscosity increasing agent, emulsifier, and foam booster for use in Personal Care formulations.

COMMON CHEMICAL NAME

PEG-4 Rapeseedamide

CAS #

827613-35-4 (ALT. 85536-23-8)

TYPICAL PROPERTIES

Appearance (25°C)	Yellow liquid
Amide Content, meq./g.	1.64 – 1.75
pH (1% solution)	9.2 – 10.2
Viscosity (25°C), cPs	< 500
Color (as is), Gardner	< 4
Moisture, wt.%	6.5 – 8.5
Free Amine, wt.%	0.11 – 0.23
Freeze Point	44.6°F (7°C)
Water Solubility	Insoluble
Shelf Life	2 Years

APPLICATIONS

Masamide® R-4 is a mild co-surfactant with good skin cleansing properties while also providing a pleasant skin feel. With its unique thickening, solubilizing, foam boosting and stabilizing properties, Masamide® R-4 is a superior product for use in a wide range of products including: shampoos, mild skin cleaners, soaps and shave gels, skin lotions, and bath oils.

ADVANTAGES

Masamide® R-4 is characteristically low odor, and reliably consistent batch to batch for the Personal Care Market. Masamide® R-4 can be processed at room temperatures.

STORAGE & HANDLING

Refer to the Masamide® R-4 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 between 61°F - 86°F. If frozen, mild heat can be applied with agitation. Always ensure product is homogenous before use.

PACKAGING

Masamide® R-4 is available in 463 lb. poly drums and 2094 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®