

Promulgen™ G

Nonionic Emulsifier

Chemical Name: Stearyl Alcohol and Cetareth-20.

Product Description: Promulgen™ G nonionic emulsifier is an ethoxylated cetearyl alcohol compounded with stearyl alcohol. It is 100% active, and is supplied as a waxy solid.

Typical Properties: Physical properties are listed below and indicate typical values and properties; they are not intended to be used as product specifications.

Appearance at 25°C	White waxy flakes
Odor	Mild
Acid Value, mg/g	0.8
Melt Range, Class I, °C	53-60
Moisture, % wt.	<0.5
Saponification Value, mg/g	1.5
Hydroxyl Value, mg/g	160
Ash, % wt.	<0.1
Iodine Value	1.5
Stearyl Alcohol, % wt.	70.0

Features and Benefits:

- Efficient oil in water emulsifier
- Broad pH compatibility
- Contributes to viscosity of final formulations

Suggestions for Use:

Promulgen™ G nonionic emulsifier is derived from a vegetable based alcohol. Its nonionic nature allows flexibility in formulation and provides compatibility over a wide pH range.

Due to its viscosity building properties, stearyl alcohol and cetareth-20 are used in a wide range of over the counter (OTC) pharmaceutical products.

Some of the active pharmaceutical ingredients that have been formulated with stearyl alcohol and cetareth-20 are: Lidocaine, benzalkonium chloride, diphenhydramine hydrochloride, calamine, methyl salicylate, hydrocortisone, and menthol.

Recommended use levels range from 0.5% to 5.0%, depending on the application. Cetearyl alcohol and cetareth-20 have been listed in FDA Inactive Ingredient Database (IID) for topical products up to 8% maximum potency.

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Recommended use levels range from 0.5% to 5.0%, depending on the application.

Storage and Handling:

Promulgen™ G nonionic emulsifier is packed in 25-kg boxes. Material should be stored in closed containers and protected from extreme temperatures (store below 40 °C).

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