



TECHNICAL DATA SHEET

Trade Name:	Viscolan 120 MGD		
INCI:	PEG-120 Methyl Glucose Dioleate		
Cas. No:	86893-19-8		
EINECS:	617-932-4	Article No:	445666

ITEM	STANDARD
Appearance	Solid, pellets
Active Matter	>99%
Color to Gardner	< = 8.0
Hydroxyl value mg KOH/g	14.0 – 26.0
Iodine Value g I /100g	10.0 – 14.0
pH value 5%	5.5 – 8.5
Acid value mg KOH/g	< = 5.00
Saponification value mg KOH/g	24.0 – 36.0
Dioxane ppm	< = 5.0
Ethylenoxide ppm	< = 1.0



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Product Description:

Viscolan 120 MGD is a highly efficient, sugar-based thickening agent designed for aqueous surfactant systems. It is suitable for a wide range of formulations, such as hair shampoos, shower gels, foam baths, liquid soaps, and hand wash pastes. The product demonstrates excellent stability against hydrolysis and enables the creation of surfactant formulations across a broad pH range. It remains effective even when combined with challenging surfactants like sulfosuccinates. Additionally, Viscolan 120 MGD helps reduce the irritation potential of surfactants, enhancing the mildness of the final formulations. It is water soluble and free of preservative and can be processed hot or cold in every manufacturing phase.

Application:

It is used in shampoo, Shower gels, foam bathes, liquid soaps and hand wash pastes

Storage:

Keep container tightly closed and dry in a cool and good ventilated place not more than °35.

Dosage:

0.5% - 4.0%

Shelf time:

2 years from manufacturing date