



## Jeenate<sup>®</sup> 4H

### Build Your Ideal Formulation with Jeenate<sup>®</sup> Structurants<sup>™</sup> Polyethylene

**Jeenate<sup>®</sup> 4H** is one of the products in our linear polyethylene Jeenate<sup>®</sup> Structurants<sup>™</sup> product line, developed to provide hardness and crystalline structure to most traditional cosmetic oils, including volatile silicones in stick formulations. The crystalline nature of **Jeenate<sup>®</sup> 4H** will enhance the high temperature stability of cosmetic stick formulations while providing a smooth lubricous hydrophobic film. **Jeenate<sup>®</sup> 4H** will also increase the viscosity of the oil phase to improve high temperature stability and aid in the overall product substantivity. The hydrophobic nature of **Jeenate<sup>®</sup> 4H** will aid in film integrity, substantivity and conditioning properties. At low percentages, **Jeenate<sup>®</sup> 4H** will provide a light feel and enhanced film formation for sun care or active delivery, as well as enhance the stability profile.

Combinations of **Jeenate<sup>®</sup> 4H** along with **Jeenate<sup>®</sup> 5H** will provide an optimum combination for all your stick applications.



#### KEY BENEFITS:

- Improves hardness and crystalline structure
- Reduces oil bleed
- Enhances film formation for color retention
- Improves emulsion stability
- Exceptional structuring agent for stick applications

Typical Properties		
Appearance	Pastilles / Prills	
Color	White	
Drop melting point (°C)	75.00 - 87.0	
Viscosity @ 210°F, cps	4.0 - 12.0	
Penetration, 100G, 5 SEC@ 77°F	5.0 - 15.0	
Recommended use levels	Hair care	0.25 - 2.0%
	Body care	0.5 - 2.0%
	Skin care	2.0 - 10.0%
	Color cosmetics	0.5 - 3.0%



**PRODUCT APPLICATIONS:**

- Lipsticks
- Foundation Make Up Sticks
- Liquid Foundations
- Mascara
- Hair Care Lotions and Conditioners

*Please contact your JEEN Representative or visit our website at [www.JEEN.com](http://www.JEEN.com) to learn more about our products, our technologies and how we can help you reduce your carbon footprint and produce a greener product.*

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