



**TECHNICAL DATA SHEET**

<b>Trade Name:</b>	<b>Newpal PEG 6000 DS</b>		
<b>INCI:</b>	PEG-150 Distearate		
<b>Cas. No:</b>	9005-08-7		
<b>EINECS:</b>	618-408-8	<b>Article No:</b>	446474

ITEM	STANDARD
Appearance (20°C)	Pellets
Acid value	7.0 – 14.0 mg KOH/g
Saponification value	20.0 – 32.0 mg KOH/g
Solidification point	45.0 – 51.0 °C
Dioxane	<= 5.0 ppm
Color to Hazen	<= 150



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### Product Description:

**Newpal PEG 6000 DS** is a non-ionic, high-molecular-weight thickening and viscosity-enhancing agent widely used in cosmetic and personal care formulations. It is particularly valued for its ability to build viscosity efficiently in surfactant-based systems while maintaining clarity and stability.

This ingredient is commonly used in shampoos, shower gels, facial cleansers, and liquid soaps, where it improves texture, enhances foam stability, and provides a rich, smooth consistency. PEG-150 Distearate helps create elegant, easy-to-apply formulations with a pleasant skin feel, without leaving residue.

It also contributes to formulation stability and is compatible with a broad range of surfactants and other cosmetic ingredients, making it a versatile choice for rinse-off products.

### Application:

**Newpal PEG 6000 DS** serves as a viscosity builder and thickener in various personal care formulations, including:

- Baby shampoos
- Gentle hair shampoos
- Foam baths and shower gels
- Skin cleansing lotions

### Storage:

Please keep in cool, dry, and well-ventilated place, keep container closed when not in use. At max. 25°C.

### Dosage:

0.5% - 5%

### Shelf time:

2 years from manufacturing date

### HS Code:

390729