

iTHICK PTS150L

INCI Name (US): PEG-150 Pentaerythrityl Tetrastearate (and) Propylene Glycol (and) Water.

INCI Name (EU): PEG-150 Pentaerythrityl Tetrastearate (and) Propylene Glycol (and) Water.

CAS #: 130249-48-8 (and) 57-55-6 (and) 7732-18-5

General Information/ Characteristics: **iThick PTS150L** is a complex high molecular weight ester designed as a premium performance thickener for aqueous surfactant systems. It is an excellent counter-irritant and producing mild surfactant formulations. It can replaced CDEA and CMEA effectively and mitigates surfactant irritation potential. Because of its easy-to-use liquid form, it can be readily formulated into shampoos, body washes, shower gels and liquid soaps or other soap based-products that are economical, as well as rheologically appealing.

Benefits / Application: Benefits:

- ♦ Easy-to-use liquid form.
- ♦ Complex high molecular weight ester designed as a premium performance thickener for aqueous detergent systems.
- ♦ Excellent counter-irritant.
- ♦ Producing mild surfactant formulations.
- ♦ Effective CDEA and CMEA replacement and mitigates surfactant irritation potential.
- ♦ Producing substantial viscosity even at low levels.

Application:

- ♦ Hair shampoos
- ♦ Antidandruff shampoos
- ♦ Shower gels
- ♦ Foam baths
- ♦ Liquid soaps
- ♦ Facial cleaners
- ♦ Clear detergent gels
- ♦ Hair styling
- ♦ Baby skin care
- ♦ Male grooming-treatments, deodorant, sun protection, facial.

Formulations Advices: Dosage: Recommended topical usage levels of 0.5-5%.

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Regulatory Status:	No applicable	
Physic-Chemical Properties:	Appearance	Viscous Liquid
	Color	Colorless to yellowish
	Odor	Mild, characteristic
	pH value(25°C, 10%soln.)	4.5 – 8.0
	Active Matter (%)	48 - 52
	<i>*These values indicate typical specification; they are not intended to be used as product specifications</i>	
Additives:	Preservatives:	No applicable
Shelf Life / Storage Conditions	24 months from manufacturing date. Keep In Cool, Dry, Ventilated And Lightless Place.	
Packaging:	25 kg/ drum	

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