

**Product Information**

**Personal Care**

**XO-THERM™-HV**

**INCI NAME: PEG-4 (and) PEG-8 (and) PVP**

**DESCRIPTION**

- XO-THERM™-HV is a medium viscosity, self-warming liquid lubricant that instantly warms upon contact with moisture.

CHEMSIL PATENT NO. 7,405,186

**BENEFITS**

- Temperature increases up to 15°C
- No stringy effect
- Manufactured with NF and USP grade raw materials
- Also available in -LV (low viscosity)

**APPLICATIONS**

Skin Care: Personal Lubricants, Massage Products, and Body Care Solutions

**TYPICAL PROPERTIES**

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Properties	Specifications
APPEARANCE	Medium Viscosity Liquid
APHA VALUE	10 - 100
VISCOSITY RVT #2 @ 20 RPM	500 - 700 cs
HEAT OF MIXING (dT)	10.0 - 15.0°C
SPECIFIC GRAVITY	1.00 – 1.40
CLARITY	Clear
ODOR	Slight, to match standard

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These values are not intended for use in preparing specifications.

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**XO-THERM™-HV**

**HANDLING PRECAUTIONS**

Product safety information required for safe use is not included. Before handling, read product and Safety Data Sheets and container labels for safe use, physical and health hazard information. Avoid static electricity by using properly grounded equipment.

**USABLE LIFE AND STORAGE**

Store below 25°C (77°F) in a dry place away from all sources of ignition. Store in tightly closed containers. Avoid direct or prolonged contact with skin and eyes. Wash hands thoroughly after handling. Do not eat, drink, or smoke in the work area. Storage and transfer under inert gas is recommended.

**PACKAGING**

**XO-Therm™-HV** is available in;  
500 lb. (227kg) drums

**LIMITATIONS**

This product is neither tested nor represented suitable for medical or pharmaceutical uses.

Samples are available upon request.

**LIMITED WARRANTY- PLEASE READ CAREFULLY**

The information contained herein is offered in good faith based on Chemsil's research and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information shall not be used in substitution for customers' tests to ensure that Chemsil's products are fully satisfactory for your specific applications. Our warranty is that the product will meet its current sales specifications. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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