

SAFETY DATA SHEET

P.T. Technologies Europe.

ISSUED BY: RH ISSUE DATE: 02/12/09 ISSUE No.:04 MSDS: 402

Product Name: Techlube HD Heavy Duty Cable Lubricant

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Section 1. Chemical Product and Company Identification

Product Name: Techlube HD Heavy Duty Cable Lubricant

Manufacturer: P.T. Technologies Europe.
Meenane, Watergrasshill,
Co. Cork, Ireland.
Tel: + 353 21 4889922
Fax: + 353 21 4889923
E-mail: info@pttechnologies.com
Web: www.pttechnologies.com

Product Description: Water Polymer solution

Chemical Family: Water is the principle ingredient.

Section 2. Composition / Information on Ingredients

No Reportable Hazardous Substances

Section 3. Hazards Identification

Physical and Chemical Hazards:

Eye Contact: None. Does not injure eye.

Skin Contact: None.

Inhalation: None.

Ingestion: Product has extremely low order of acute oral toxicity, but ingestion of large amounts may cause nausea and gastrointestinal irritation.

Fire and Explosion Hazards:

None. Non-flammable.

Section 4. First Aid Measures

Eye Contact: Flush with water for 15 minutes. If irritation persists, get medical attention.

Skin Contact: Rinse with water.

Inhalation: Not applicable.

Ingestion: Consult physician if discomfort continues.

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Section 5. Fire Fighting Procedures

Fire Fighting Procedures: None.

Hazardous

Combustion Products: None.

Section 6. Accidental Release Measures

Land Spill: Flush into approved waste water system with adequate dilution.

Water Spill: Remove from water by skimming.

Section 7. Handling and Storage

Storage Temperature: Ambient

Transport Temperature: Ambient

Electrostatic

Accumulation Hazard: None.

General: Keep containers closed when not in use.

Section 8. Exposure Controls / Personal Protection

Workplace Exposure Controls: *Exposure Limits 8 Hrs TWA (ppm)*

<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Not established	Not established

Personal Protection: None required.

Ventilation: Normal room ventilation is adequate.

Section 9. Physical and Chemical Properties

Appearance and Odour: Opaque viscous stringy blue gel with faint almond odour.

Boiling Point: 100 °C

Flash Point: Non-flammable (Tag Closed Cup)

Auto-Ignition Temp.: None (approx)

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<i>Flammable Limits:</i>	LEL None UEL None	(at 25°C)
<i>Vapour Pressure:</i>	< 18 mm Hg	(at 20°C)
<i>Vapour Density:</i>	1	(Air = 1)
<i>Specific Gravity:</i>	1.0	(Water = 1)
<i>Solubility in Water:</i>	Soluble	(at 20°C)
<i>pH:</i>	Neutral	
<i>Viscosity:</i>	5400 - 7400 cPs	(at 25°C)
<i>Percentage Volatility:</i>	95%	
<i>Evaporation Rate:</i>	Not applicable	(n-butyl acetate = 100)

Section 10. Stability and Reactivity

Stability: This product is stable and hazardous polymerisation will not occur.

Materials to Avoid: Materials that react with water.

*Hazardous
Decomposition Products:* None.

Section 11. Toxicological Information

Acute:

Inhalation: Not applicable.

Skin Contact: No effect on skin.

Eye Contact: Does not injure eye.

Ingestion: Minimal toxicity.

Section 12. Ecological Information

This product will biodegrade readily. Based upon data for a similar substance or estimated data, no acute toxicity to aquatic organisms is expected.

Section 13. Disposal Considerations

This product should be disposed of by diluting and flushing into an approved water system. Care should be taken in any case to ensure compliance with EC, national and local regulations. Combination with other materials may well indicate another route of disposal.

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Section 14. Transport Information

Land (Railway / Road): Not Regulated

Substance Identification No.:

ADR/RID Class, Item No.:

Empty Containers:

Danger Number:

Transport Document Name:

Inland Waterways (such as ADN/R): Not Regulated

ADN/R Class, Item No.:

ADN Category:

Sea (IMDG): Not Regulated

UN Number:

IMO Class:

EMS Number:

Marine Pollutant:

Risk Label:

IMDG Code:

MFAG Number:

Packaging Group:

Subsidiary Group:

Proper Shipping Name:

Air (ICAO / IATA): Not Regulated

ICAO / IATA Class:

Passenger Packing Instructions:

Passenger Max. Quantity / Pack:

Cargo Packing Instruction:

Cargo Max. Quantity / Pack:

Section 15. Regulatory Information

Classification and Labelling According to EC Directives:

Classification / Symbol: Not Regulated

Governing Directive: According to EC Directives, the product does not require classification and labelling.

Section 16. Other Information

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of P.T. Technologies Europe's knowledge and believed accurate and reliable as of the date indicated.

However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

Latest update: Section 2 – removal of ingredient components below haz chem. % quantities – no reportable ingredients.