

## Phosphate Ester for Alkali Cleaners

### Description

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Lanphos PE107 is a phosphate ester specifically developed to provide excellent stability in high alkali and electrolyte systems, providing excellent detergency wetting and corrosion inhibition. Lanphos PE107 can also be used to couple nonionic surfactants into liquid alkali detergents.

### Features

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- Highly stable in highly alkali systems
- High tolerance/solubility in high electrolyte solutions
- High capacity to solubilize nonionic surfactants into alkali/electrolyte solutions
- Excellent wetting, particularly in high alkalinity/electrolyte solutions
- Effective corrosion inhibitor

### Specification

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Appearance at 25°C:	Clear amber liquid
Acid value my KOH/g:	87 - 97
Nonionic content %:	<15
Water content %:	<1.0

### Typical Properties

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Composition:	Phosphate ester
Odour:	Characteristic
Activity %:	100
Solubility in water at 20°C:	Soluble

Typical properties are based on our own measurements and do not constitute part of the sales specification.

## Applications

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Lanphos PE107 has been specially developed to provide a high level of solubility in high alkalinity/ electrolyte formulation used in a broad range of Industrial and Institutional cleaning, metal cleaning textile applications etc. Lanphos PE107 can also be used to impart corrosion inhibition in many applications including, metal working, oil field etc. Lanphos PE107 finds application in a wide range of applications including:

- Metal cleaning
- Textile wetting
- Oilfield corrosion inhibitor formulations
- Highly built Industrial and Institutional cleaning formulations

## Packaging and Storage

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Lanphos PE107 can be supplied in bulk road tankers, IBC's and 200kg nett drums.

Stainless steel, polyethylene or glass lined equipment is necessary for the storage of Lanphos PE107 in order to prevent corrosion and subsequent contamination. This material can separate on standing and at low temperatures. May require agitation and warming prior to use.

## Regulatory Information

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Please refer to Safety Data Sheet.

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All information, recommendations and suggestions appearing in the literature concerning the use of the product are based upon tests and data believed to be reliable. However it is the users responsibility to determine the suitability for their own use of the products described here. For non English datasheets translation has been carried out using translation software, Lankem accepts no liability due to errors that occur during translation. Typical properties are based on our own measurements and do not constitute part of the sales specification.