



# p4mX L-61

## PRODUCT DATA SHEET

### IDENTIFICATION

Product: Block copolymer of propylene oxide and ethylene oxide, containing 10% w/w ethylene oxide

### DESCRIPTION

p4mX L-61 is a nonionic surfactant that has good wetting and dispersing action coupled with low foaming tendency. Typical applications include rinsing aids, detergents for dishwashers and bottle-rinsing machines and industrial cleaning formulations. p4mX L-61 is also used as a low-foaming emulsifier in emulsion polymerization and as a dispersing agent for pigment pastes and preparations. The advantage of p4mX L-61 is the solubility in many surfactant formulations.

### SPECIFICATIONS

Molecular weight	1900 g/mol
Solubility at 20°C	1% in water, cloudy solution 10% in mineral oil, cloudy solution 10% in xylene, slightly cloudy solution
pH (1% Aq. Solution)	About 6
Appearance @ 20°C (Visual)	Clear to opaque, colorless liquid
Cloud Point (5g in 25 ml 25% BDG solution)	35°C
Active Content	100%
Pour Point	Less than -15°C
HLB	2
Specific Gravity @ 20°C	1.02
Viscosity @ 20°C	550 mPas

### COMPATIBILITY

p4mX L-61 can be used in combination with other nonionic, anionic and cationic surfactants. p4mX L-61 is resistant to water hardness salts and to acids and alkalis in the concentrations normally used. Preliminary tests are required.

### PRESERVATION

No preservative is added.



## PACKAGING

p4mX L-61 is available in bulk quantities and totes; alternative packaging available upon request.

## STORAGE & HANDLING

Please keep the product in a dry and clean place. When the product has cooled down to less than  $-10^{\circ}\text{C}$ , please heat it up to  $30^{\circ}\text{C}$  –  $40^{\circ}\text{C}$ , after stirring it is ready to use again. The shelf life is at least two years when stored in tightly closed containers at  $20$ - $25^{\circ}\text{C}$  in a clean and aerated place. After this period the product should be analyzed for extension of the shelf life.

## SAFETY

Please see Material Safety Data Sheet before handling the material.

### WARNING

The information contained in this document is provided in good faith based on current knowledge; it is for reference purposes only and is in no way binding. The information is not a certification of product performance and must, on no account, be used as a substitute for prior certification testing, which is necessary to ensure that the product is suitable for a given use. PERFORMANX GUARANTEES THAT ITS PRODUCTS COMPLY WITH SALES SPECIFICATIONS. No representation is made with regards to infringement or prejudice to third parties.