



# p4mX PEG 400

## PRODUCT DATA SHEET

### IDENTIFICATION

Product: Polyethylene Glycol  
CAS Number: 25322-68-3

### DESCRIPTION

p4mX PEG 400 is used in a wide variety of applications:

- Reactant
  - Reactive diol/polyether component in polyester or polyurethane resins
- Solvent / Humectant / Plasticizer
  - Paper, wood, cellulose films, inks, coatings, adhesives, sealants, concrete
- Release agent / Lubricant
  - Mould release agent for rubber and elastomer processing, lubricant formulations, metal working fluids
- Binder for ceramics
- Component of auxiliaries for fiber, textile and leather processing
- Heat transfer medium

### PRODUCT PROPERTIES

Appearance	clear liquid
pH value (5 % in water)	5.0 – 7.5
Hazen color (25% in water)	max. 15
Water (Karl Fischer method)	max. 0.5%
Molar mass	380-420 g/mol
Hydroxyl Value	267 – 295 mgKOH/g
Dioxane Content	Max. 1 ppm
Ethylene Oxide (Head-Space GC)	Max. 1 ppm

### STORAGE

p4mX PEG 400 can be supplied in tanks, IBCs or in steel drums. When stored in a cold, dry place in a closed container p4mX PEG 400 can be kept for at least two years.

#### 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.