



p4mX TDA-6

PRODUCT DATA SHEET

IDENTIFICATION

Product: Isotridecyl alcohol polyglycol ether with 6 moles of EO

DESCRIPTION

p4mX TDA-6 has excellent wetting action, especially in the low-temperature range, and marked degreasing and emulsifying properties. It is a suitable raw material and mixture component for the manufacture of universal cleaners in every form.

PRODUCT PROPERTIES

Concentration [%]	Approx. 100%
Appearance	colorless, slightly cloudy liquid
pH value	(5 % as is in ethanol/water 1:1) approx. 6–8
Solubility at 20 °C	1 % in water 10 % in mineral oil 10 % in xylene
Density at 50 °C [g/cm ³]	approx. 0.96
Viscosity at 50 °C [mPas]	18 ± 4
Refractive index at 50 °C	about 1.448
Hazen color	max. 130
Water (Karl Fischer method) [%]	max. 0.5
Pour point [°C]	5 ± 4
Cloud point [°C] (5g in 25g 25% BDG solution)	64 – 67
Flash point [°C]	about 180
HLB value	about 11

STABILITY

The p4mX TDA-6-grades are insensitive to water hardness constituents and largely resistant to the usual chemicals in normal application concentrations.

Like all polyglycol ether derivatives, the p4mX TDA-6 grades have limited stability to oxidizing agents which evolve chlorine so that their use is restricted to application in dilute solutions. The preparation of highly concentrated mixtures of oxidizing or reducing agents and polyglycol ether derivatives is not possible.



MISCIBILITY

As a nonionic surfactant p4mX TDA-6 can be used together with other products regardless of their ionicity.

CLEANING PROPERTIES

The p4mX TDA-6 is noted for its excellent cleaning properties.

STORAGE

p4mX TDA-6 can be stored at least 2 years in original sealed containers at room temperature under the recommended conditions.

Protect from exposure to cold during transport and storage. The properties of p4mX TDA-6 are reversibly altered by exposure to cold. If p4mX TDA-6 becomes turbid, thickens or freezes through exposure to cold, thaw slowly at room temperature and afterwards stir briefly.

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.