

## â Genapol X 080

Nonionic emulsifier for the chemical industry

### Composition

Isotridecyl polyethylene glycol ether with 8 moles ethylene oxide

### Solubility at 20 °C

1% in water:	clear solution
10% in mineral oil:	slightly cloudy solution
10% in xylene:	clear solution

### Product properties <sup>\*)</sup>

#### Active substance content

about 100 %

### Critical Micelle Concentration

about 0,066 g/l active material in water

#### Appearance at 20°C

colourless, clear liquid

### HLB value

about 13

#### pH value (DIN EN 1262), 5 % in ethanol/water 1:1

6 - 8

### Compatibility

Genapol X 080 is compatible with anionic, cationic and other nonionic surfactants and resistant against strong alkaline and acid solutions.

#### Density (DIN 51757) at 50 °C

approx. 0,98 g/cm<sup>3</sup>

### FDA / BgVV\* Listing

FDA Chapter 21 § 175.105, § 176.200, § 176.210,  
§ 181.30  
BgVV Teil A VI, XIV, XXXIV

\*Bundesamt für gesundheitlichen Verbraucherschutz und Veterinärmedizin

#### Viscosity (DIN 53015) at 50 °C

about 23 mPas

### Use

Genapol X 080 is used as a wetting agent, emulsifier and dispersing agent e.g. in detergents, industrial & institutional cleaners, in emulsion polymerization or in wax and silicon emulsions.

#### Flash point (DIN/ISO 2592)

about 190 °C

#### Crystallization Point

about 10 °C

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described on their suitability for a particular application. Any existing industrial property rights must be observed. The quality of our products is guaranteed under our General Conditions of Sale.

<sup>\*)</sup> These characteristics are for guidance only and are not to be taken as product specifications. The tolerances are given in the product specification sheet. For further information on product properties, toxicological, ecological and safety data, please refer to the safety data sheet.

March 2006

®= registered trademark by Clariant

Page 1/1