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# Pluronic RPE 1740

### Chemical Nature:

Pluronic RPE 1740 is a 100% active nonionic surfactant. It consist of block copolymers in which the central polyethylene oxide block is flanked by two polypropylene oxide blocks.

### Typical properties:

Physical form(25 °C)	Liquid
pH (5% in water)	7
Cloud point (1:3 BDG-H2O) [° C]	51
Viscosity(mm <sup>2</sup> •s, 40°C)	250
Viscosity(mPa•s, 100°C)	40
Viscosity(mPa • s, EN 12092, 23 °C Brookfield 60 rpm)	600
Density(g/cm <sup>3</sup> )	1.03
Surface tension(DIN 53914, 1 g/l, 23 °C)[mN/m]	41

### Applications:

Pluronic RPE 1740 can be used in cleaners for the dairy, brewery and soft-drinks industries, cleaners for removing shavings and swarf from machined metal parts and other industrial cleaners. It also be used in water-base cutting fluid. It is as foam suppressants in detergents, cleaners and other formulated products. It can be employed as lubricants in synthetic metalworking fluids, mould-release agents and synthetic spin finishes. It also can be combined with nonionic, anionic and cationic surfactants.

### Storage:

Containers should be stored tightly sealed in a dry place. 200 kg/ drum.

### Shelf Life:

2 years

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