

# ODACON<sup>®</sup> P

## Liquid Heat Carrier on Basis of Propylene Glycol

### Product specification

ODACON<sup>®</sup> P is a ready-to-use, 45 % dilution of propylene glycol with the corrosion inhibitor ODAICON<sup>®</sup> that is frost-proof up to - 28°C.

ODACON<sup>®</sup> P is free of borates, phosphates, silicates, nitrites and nitrates, so it can be used in cooling cycles with high requirements on conductivity.

### Effectiveness

The additive ODAICON<sup>®</sup> adsorbs on all metallic surface and builds a hydrophobic protective layer. This layer is resistant to the usual substances present in cooling cycles.

Thereby corrosion and deposits are inhibited and existing deposits are gradually and carefully removed. Corrosion supporting agents are displaced from surfaces and crevices.

If different materials are used in the cycle, the electro-chemical potential will be adapted and the corrosion sensitivity will be reduced.

### Specific physical values (at 20°C)

colour:	milky liquid
density:	1,04 g/cm <sup>3</sup>
freeze resistance:	-25 °C
pH value:	7,5 – 8,5
conductivity:	< 25 µS/cm

### Material compatibility

ODACON<sup>®</sup> P can be used with all materials which are commonly used in cooling cycles.

The suitability of the sealing materials needs to be verified with the manufacturer. In particular, the thermal application limits of the individual sealing materials must be observed.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

### Application

ODACON<sup>®</sup> P is ready-to-use.

We highly recommend to dilute ODAICON<sup>®</sup> P only if necessary and with VE- water (distilled water) to prevent a contamination of the system with harmful substances like chloride, sulfate or hardness components.

New facilities must be cleaned sufficiently prior to filling. Mixing ODAICON<sup>®</sup> P with other heat carrier fluids may cause problems.

The operation temperatures should not be permanently 200°C and should reach 250°C only for a short time, since this may affect the product basis (propylene glycol) and may cause thermal decomposition. The durability of the heat carrier decreases, the higher the thermal impact.

### Package and storage

ODACON<sup>®</sup> P is delivered in standard package sizes from 20 up to 1000 liter.

The storage should be dry, protected against direct sun light and frost free.

### Environmental sustainability

ODACON<sup>®</sup> P is environmental friendly, biodegradable und not hazardous to human.