

## Purgon HPC

Liquid High-Pressure Cleaner with Copper Inhibition for Spray Application

### Product Information

**Purgon HPC** is a liquid alkaline cleaner with copper inhibition for spray application. It is especially designed for the degreasing of iron and steel in one or two step high-pressure cleaning systems.

**Purgon HPC** solutions will not create disturbing foam if used at room temperature.

Work piece cleaned with **Purgon HPC** will be temporarily protected against corrosion.

**Purgon HPC** contains amines, salts of organic acids and inhibitors.

In most cases, **Purgon HPC** is used as a 0.5 – 3.0% solution in water. The treatment takes 2 – 5 min. depending on the system.

### Physical Properties

Appearance	clear, pale yellow liquid
Specific gravity 20°C	1140 kg/m <sup>3</sup>
pH-Value 1%	9 – 10

### Determination of the concentration by titration

100ml de-ionized water and 2 – 3 drops of methyl orange solution (helianthine) indicator will be added to 10ml cleaner solution and titrated with 0.1N hydrochloric acid until the color changes from yellow to red.

The concentration will be calculated as follows:

$$\text{Concentration}_{\text{Purgon HPC}} [\%] = \text{ml } 0.1\text{N HCl} \times 0.24$$

### Storage

During storage **Purgon HPC** should not be exposed to temperatures below 0°C or above 40°C. Large temperature fluctuation has also to be avoided. It should be brought to room temperature prior to usage.

### Health and Safety

Please refer to Material Safety Data Sheet for complete information.

### Disclaimer

All statements, technical information and recommendations contained in this Product Information, tests and data unitech believes to be reliable, but the accuracy or completeness is not guaranteed.

unitech warrants unitech products will be free from defects when shipped to the customer. unitech's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement the customer must notify unitech of the claimed defect within six month after shipment of product to the customer. unitech shall have no liability for any injury, loss or damage arising out of use of or inability to use the products.

**Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith.**

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**unitech Lubricants America Inc.**  
605 Colby Drive  
Waterloo, Ontario N2V 1A1  
12/2001

phone: 519-489-0414  
fax: 519-489-0415  
e-mail: unitech\_lubricants\_america@rogers.com  
website: <http://www.unitech-kss.de>