

## Product information Alfisid 12

### Alfisid 12

is a liquid surfactant combination which is suitable for normal degreasing applications. The option of individual dosage means that an optimisation of the cleaning performance can be achieved when used together with alkaline Alfal products on aluminium, steel and zinc-plated substrates.

**Alfisid 12** has a slightly emulsifying effect. When used in combination with Alfal products, Alfisid 12 acts as an etching and degreasing agent on aluminium surface, thus removing oils and greases. Degreasing and etching takes place in one step here. The combination can also be used for degreasing of steel and zinc-plated substrates.

**Alfisid 12** contains highly efficient, low-foaming surfactants, making it ideal for use with spraying systems. The surfactant content meets the requirements of the EU Detergent Directive.

### Characteristic data

<b>Initial quantity</b>	2 – 10 g/l  The optimal concentration is determined by our Technical Service when the facility is started up and depends on the combination of products and the degree to which the material is soiled.  (see section on Maintaining concentration)
<b>Temperature</b>	50 – 70°C (preferably 50 - 60°C)
<b>Scope of application</b>	alkaline degreasing/ etching and degreasing agent
<b>Density</b>	approx. 1.0 g/ml
<b>Form of delivery</b>	liquid/ 30-kg-plastic jerrican

The cleaning effect of the product is strongly influenced by the contamination of the parts with grease and other substances. In individual cases, the optimal operating parameters may vary from the given standard parameters.

### Safety precautions

Please observe the usual safety precautions when handling chemical substance. The classification according to the statutory regulations for transport, storage and handling of the product as well as further products specific information are included in the EC-safety data sheet. Bath solutions, rinsing water and concentrates must be treated according to the relevant regulations before entering the sewage system.

**Maintaining  
concentration**

The solution ratio is adapted to the degree of soiling. Should the cleaning effect not be adequate, the concentration can be gradually increased and tested, commencing with approx. 0.5 g/l Alfisd 12.

The quantity of Alfisd 12 to be introduced is between 1/15 and 1/5 of the amount of Alfinal product added to the solution.

We recommend the use of dosing pumps to ensure a consistent solution in the long term. The concentration can be gradually increased whenever the cleaning effect is not sufficient.

When extremely oily parts are to be cleaned, we recommend the installation of equipment for cleaning the surface of the bath as otherwise oil separation can take place during longer periods when the bath is not in operation.

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We will be glad to give you advice and to provide you with the relevant information.

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Modified 2015-06-10 (ts). With this version all prior versions are in valid. The information is provided according to the best of our knowledge and conscience at the time of printing and it reflects our experience in the laboratory and in practice. These are standard values which are however, not binding and must be adjusted to specific re-

quirements. Since the use of our products is not subject to our influence we can only accept liability for the standard of flawless quality at the time of delivery. We can recognise consequential damages only if this has been agreed upon in written form before use of the products and if the guaranteed property was explicitly mentioned.