

## Alfred Kärcher GmbH & Co. KG

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### To our suppliers

Your references    Our References    Phone    E-Mail:    Date  
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2804

### Constituents of products – supplementary requirements to Kärcher standard for certain products

Dear Sir/Madam

The requirements relating to the environmental properties of products are becoming continually more demanding – all over the world. Legal requirements and customer demands are imposing ever tighter restrictions on certain materials. We have therefore defined the following supplementary requirements for certain products: these requirements go beyond those given in the Kärcher Standard Kän 050.032.

1. Free from PVC
2. Phthalate free
3. Free from halogenated flame retardants

These supplementary requirements must be adhered to where the following advice appears on the drawing or other order documentation:

### Important. Observe supplementary requirements for special products A

Please be sure to take note of the following points:

The limit value for “free” is deemed to be not the usual value of 0.1% for each single phthalate or each single halogenated flame retardant, but 0,1% for the sum of all phthalates or all halogenated flame retardants. For the laminate of printed wiring boards the limit value for halogenated flame retardants is 0,09% in total.

The reference value is always deemed to be the individual homogenous material, e.g. the insulation of the cable and not the entire cable.

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Alfred Kärcher GmbH & Co. Kommanditgesellschaft, Sitz Winnenden, Registergericht: Stuttgart, HRA 260169  
Persönlich haftende Gesellschafterin: Kärcher Reinigungstechnik GmbH, Sitz Winnenden, Registergericht: Stuttgart, HRB 262404  
Managing Directors: Hartmut Jenner (Chairman), Markus Asch (Vice Chairman), Dieter Grajer, Thomas Eisner  
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The ban on phthalates and halogenated flame retardants relates not only to legally regulated materials, but also to all phthalates and all halogenated flame retardants. Of course, other phthalate-free plasticizing agents and other halogen-free flame retardants may be used if necessary.

Please do not hesitate to contact us if you would like any further details.

Many thanks for your support.

With best wishes

Alfred Kärcher GmbH & Co. KG

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replaces version vom January 2013