

<b>Products / Ingredients</b>	Email: INFO@WAGO.COM
	Fax: ++49(0)571-887-169

**General Information**

In March 2002, our Environmental Management System was certified according to DIN EN ISO 14001. Using this system, environmental regulations (both national and European) can be met in a systematic and transparent way. By keeping track of the legal requirements, it is possible to comply with the current directives and be prepared for foreseeable changes and new regulations. As far as the production is concerned, the legal guidelines concerning health and safety at work as well as environmental protection can be met. To the best of our knowledge, our products are designed so that no health or environmental risks are expected if they are used properly.

**Ingredients**

To the best of our knowledge, our products contain no substances that are forbidden under the *Chemicals Prohibition Order* (ChemVerbotsV). To date, our products and manufacturing processes comply with both *ChemVerbotsV* and *CFC/Halon Prohibition Ordinance*. In the case of our products containing hazardous substances, these substances have no influence on the properties of our products.


To the best of our knowledge, the definition "Hazardous Substances" according to §19 ChemG<sub>1</sub> does not apply to our products.

According to the catalogue W4, volume 1, section 15.43, the WAGO products are mostly produced from the following materials:

- Insulation material: PA 6.6 (*free of halogens, fluocarbons, chlorinated hydrocarbons, silicone, asbestos, cadmium and formaldehyde*)  
PA 4.6  
PC
- Contact material: electrolytic copper E<sub>cu</sub> hard and extra hard as well as extra-hard copper alloys
- Contact surface: special tin layer
- Material of the clamping springs: austhenitic chrome nickel spring steel (CrNi) with high tensile strength

**Recycling**

At the end of their service life, the individual parts of our products can be recycled without prior treatment, depending both on the new products that are going to be produced and the technical capability of the recycling or disposal procedures.

Seite 1 von 2	Erstellt: UMB	Stand: 08-08-2005	ISO 14001 certified 
T:\1GL-1SEK\Organisationshandbuch\Umwelt\EnglischUI_Produkte_Inhaltss.doc			

<b>Products / Ingredients</b>	Email: INFO@WAGO.COM
	Fax: ++49(0)571-887-169

**Fire behaviour**

The emission of hazardous substances in the event of a fire cannot be predicted, as a fire is not a standard event and its consequences depend on too many unpredictable factors (temperature, oxygen content, air moisture, etc.).

**Electrical and electronic equipment act**

For statements on the *Electrical and electronic equipment act* of March 16, 2005, and later amendments § 5 "Prohibited Substances" please see the current version of our standard letter "Lead free - Customer information".

**Product declaration**

Due to the fact that we have more than 30,000 items we are unfortunately not able to answer a multitude of individual questionnaires in terms of declaration of hazardous substances.

In this context we refer to the "White Paper on Good Declaration Practice of Substances in Electronic Components and Assemblies", Umbrella Specifications (<http://www.zvei.org>) which was published by the "ZVEI - Zentralverband Elektrotechnik- und Elektronikindustrie e.V." (the German Electrical and Electronic Manufacturers' Association), as well as the draft "DIN 19220 Procedure for the declaration of materials in products of the electrotechnical and electronic industry" and "IEC/PAS 61906 Procedure for the declaration of materials in products of the electrotechnical and electronic industry".

We agree with the statement in the "White Paper on Good Declaration Practice of Substances in Electronic Components and Assemblies" that there is a legitimate interest of the customers to know the product ingredients.

Nevertheless, this must not mean that unjustifiable demands are made on the supplier. We are therefore working on the implementation of "Umbrella Specifications" for our products which will be based on the above-mentioned draft standards and documents.

All information herein is to the best of our knowledge and is state of the art. However, it is not part of our warranty, nor is it an extension of it.

We hope that our statement will help you further. If you should have any questions, we will be pleased to help.

With best regards


WAGO Kontakttechnik GmbH & Co. KG



Sven Hohorst



Axel Börner

Seite 2 von 2	Erstellt: UMB	Stand: 08-08-2005	ISO 14001 certified	
T:\1GL- 1SEK\Organisationshandbuch\Umwelt\EnglischUI_Produkte _Inhaltss.doc				