

# AKEMI®

Clean

Care

Polish

QUARTZ CARE



## **AKEMI® QUARTZ CARE LINE: THE PROFESSIONAL CARE FOR QUARTZ**

Since its foundation in 1933, the Nuremberg-based company AKEMI has been manufacturing special chemical-technical products. Due to decades of experience, AKEMI is the world's leading partner for the professional treatment of natural and artificial stone.

AKEMI has a full range of chemical products for stone: 2-component adhesives in a wide range of colours for long-lasting and invisible bonding, 1-component UV fillers for





minor repairs, sealants in an unsurpassed range of colours as well as cleaning and care products for a variety of different applications.

Leading manufacturers of natural stone and quartz rely on AKEMI's expertise and implement our quality products in their manufacturing and processing activities in more than 90 countries around the world. Many of these producers recommend AKEMI products for cleaning, stain protection or periodic maintenance and gloss renewal.



**AKEMI -  
OPERATES WORLDWIDE IN  
MORE THAN 90 COUNTRIES AND  
WITH 7 PRODUCTION PLANTS**





## AKEMI® QUARTZ CARE LINE: THE PROFESSIONAL CARE FOR QUARTZ

By means of intensive research and development AKEMI's full range of products is continually being expanded and optimized in order to meet changing demands. At the same time we pay careful attention to environmental protection as well as health and safety. Certificates issued by external laboratories confirm that a large number of our care products are safe for use upon contact with food.



**LGA QualTest GmbH**  
Physische Prüfungsprüfung  
LGA 1000

Zertifikat nach DIN EN ISO 9001:2008

LGA QualTest GmbH (Stellen 1000) - LGA 1000  
AKEMI Erich Hirtach GmbH  
Herrn Zimmermann  
Postfach 610153  
90221 Nürnberg

**Prüfbericht**  
Nr.: 5641061-2B  
1. Ausfertigung  
ersetzt Prüfbericht  
5641061-2

**Auftraggeber:** wie Adressat

**Auftrag vom:** 12.02.2004

**Inhalt des Auftrages:** Untersuchung eines Oberflächenbehandlungsmittels

**Eingang der Proben:** 12.02.2004

**Untersuchungszeitraum:** 23.03.2004 bis 08.04.2004

**Anzahl der Anlagen:** \*

Dimension	mg/l
mg/l	
mg/l	
mg/l	

04

mg/kg

mg/kg

**LGA**

Verband für Angewandte Hygiene (VAH)  
Association for Applied Hygiene

Deutsche Gesellschaft für Hygiene und Mikrobiologie (DGHM)  
German Society for Hygiene and Microbiology

Desinfektionsmittel-Kommission im VAH  
Disinfectant Commission in VAH

**Zertifikat / Certificate**  
über die Konformität der Wirkstoffprüfungen für / for conformity of efficacy tests for

**Flächen-Desinfektor**

mit dem Anforderungsantrag der Deutschen Gesellschaft für Hygiene und Mikrobiologie (DGHM) - Stand 4.2.2002 -  
basierend auf den Standardmethoden der DGHM - Stand 1.8.2001 - bzw. den Übergangsbestimmungen vom 4.9.2002 -  
with the Requirements issued by the German Society for Hygiene and Microbiology (DGHM) in February 4<sup>th</sup> 2002 which is  
based on the DGHM Standard Methods of September 1<sup>st</sup> 2001 or the transitional provisions of  
Stand 4<sup>th</sup> 2002. DGHM and VAH confirm the equivalence to the former issued DGHM certificates.

**ANTRAGSTELLER / APPLICANT:** Akemi GmbH  
Lechstr. 28  
90451 Nürnberg

WIRKSTOFFE nach Art und Menge bezogen auf 100 ml:  
Quantity of active substances per 100 ml:  
17,6% Didecylmethylethylenediaminohydrochlorid  
4,6% Polyhexamethylenguanid Hydrochlorid

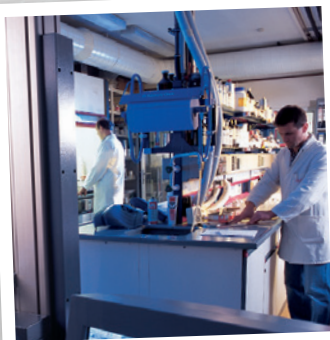
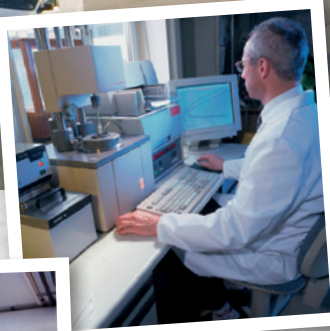
Hiernach wird bestätigt, dass das a. g. Produkt für die prophylaktische Desinfektion in den aufgeführten  
Anwendungsbereichen in folgenden Konzentrationen-Zeit-Relationen als wirksam eingestuft wird.  
This is to confirm that the above product was found to be effective for prophylactic disinfection in the application  
domains listed below at the specified concentration/contact time ratios.

Flächendesinfektion zur Prophylaxe in Krankenhäusern und Praxen (Bakterienviren und Listerien)	Einwirkzeit in min		
Wirkstoff	Mechanical action	Organische Belastung	Einwirkzeit in min
mechan.	mechan.	mechan.	contact time in min
X	X	X	5
			15
			30
			60
			240

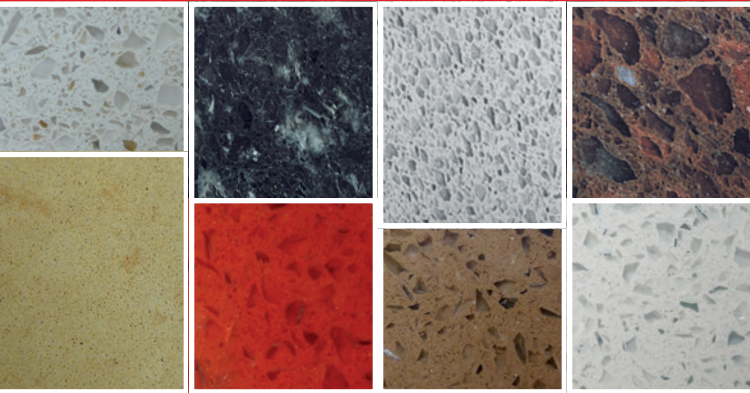
Die Zeitdauer variiert von 01.07.2002 (3 Jahre nach Auslieferung) seine Gültigkeit!  
The certificate remains in force until 01.07.2012 (3 years after issue)

Der Antragsteller hat sich mit den Bedingungen der zum Zeitpunkt der Antragstellung gültigen Geschäftsordnung der  
Desinfektionsmittel-Kommission im VAH einverstanden erklärt und dementsprechend bestätigt, dass das oben genannte  
Produkt in seiner Zusammensetzung innerhalb der oben für die Einwirkzeit angegebenen Konzentrationen  
the applicant has agreed to the conditions set out for the contact time specified in the application





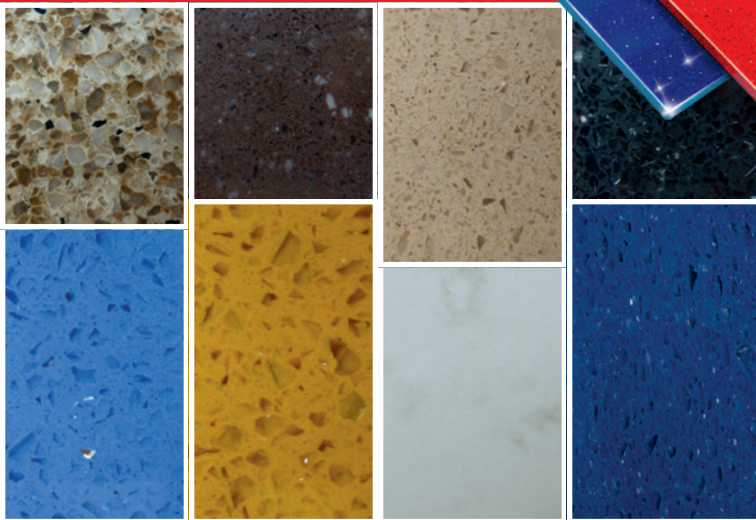
**PROFIT FROM OUR KNOW-HOW AND LOOK AFTER  
YOUR VALUABLE QUARTZ WITH THE PROFESSIONAL  
PRODUCTS OF THE AKEMI® QUARTZ CARE LINE!  
THESE ARE AVAILABLE FROM KITCHEN  
SPECIALISTS AND OUR DISTRIBUTORS.  
WE WILL BE HAPPY TO GIVE YOU THE CONTACT  
DETAILS OF YOUR NEAREST SUPPLIER.**



## WHAT IS QUARTZ?

Quartz is man-made stone. As it is industrially manufactured, its colour and composition can be reproduced exactly. The main component of quartz (also known as “solid quartz surface”, “engineered quartz” or “quartz composite”) is quartz flour (more than 90%). Synthetic resin is used as a bonding agent and pigments as well as other components (such as glass, mother of pearl or semi-precious stones) can be added to give the stone its own individual appearance. During the production process the mixture is poured into moulds, compacted in a vacuum by means of vibration and finally hardened by heat. After it has cooled down the surface can be ground, polished or brushed in a similar way to natural stone.

As a rule, quartz is acid resistant and therefore, particularly suitable in areas where there is contact with food acids (such as orange juice, Coke, lemons etc.), especially for kitchen countertops. The quartz stone is, however, also used in the construction of bathroom washbasins or for tabletops and countertops. There are well-known manufacturers of “quartz” throug-



hout the world, notably Cosentino (Silestone®) from Spain, Caesarstone® from Israel, Dupont (Zodiaq®) from the USA and OKITE® from Italy.

## CARE REQUIREMENTS OF QUARTZ

Although quartz has a high density and therefore only absorbs little moisture, it still has to be cleaned and cared for at regular intervals. Whether to increase its resistance to staining, to increase its lustre or to remove surface soiling. This is particularly true for rough surfaces, i.e. ground or brushed stone. Leading manufacturers of quartz are aware of this and recommend their customers to use the **AKEMI QUARTZ CARE LINE**.





## **BASIC CLEANING OF QUARTZ**

Even quartz cannot fend off stubborn dirt: Especially on kitchen countertops substances such as orange juice, berry juice and coffee can cause stains which are hard to remove. Although the surface of quartz is dense (and therefore relatively resistant to stains), surface soiling can nevertheless result due to daily contact with foodstuffs containing either oil or fat. In the vicinity of sinks, soap and detergent can also be deposited.







For the monthly basic cleaning of quartz we therefore recommend the use of **AKEMI QUARTZ INTENSIVE CLEANER**. This acid-free cleaning agent is easy to use because it comes in a pump spray bottle and can be sprayed directly onto the surface to be cleaned. The product has been formulated in such a way that it contains neither lyes nor phosphates and the tensides are biologically degradable.

### **AKEMI QUARTZ INTENSIVE CLEANER**

is therefore safe to use in areas which are in contact with foodstuffs. This has been attested by an external German testing laboratory.





## DAILY CLEANING OF QUARTZ

**AKEMI CRYSTAL CLEAN** is excellently suited for daily cleaning purposes. This ready-to-use cleaning spray (0.5 l bottle) is used to remove light dirt. You simply spray it on, rub it off with a cloth and your quartz surface gleams once again and fills the air with a fresh and fragrant smell. Its fast-drying formula makes sure that no streaks are left behind on the cleaned surface. Not only **AKEMI QUARTZ INTENSIVE CLEANER**, but also **AKEMI CRYSTAL CLEAN** are biologically degradable and, of course, safe for use in areas which are in contact with food. **AKEMI CRYSTAL CLEAN** is also available in concentrated form in 1 and 5 litre containers.

## PERIODIC CARE OF QUARTZ

From time to time the natural resistance of this high-quality quartz to stains should be intensified. **AKEMI QUARTZ CLEAN & CARE** is particularly



suited for rough surfaces and **AKEMI QUARTZ POLISH** for polished ones. Before either of these products is applied, the surface should be thoroughly cleaned with **AKEMI QUARTZ INTENSIVE CLEANER**.

**AKEMI QUARTZ POLISH** has reactive silicone oils and high-quality polishing agents which renew the lustre of polished quartz. This product is also excellently suited for the cleaning of glass ceramic stove tops/hobs.

We recommend **AKEMI QUARTZ CLEAN & CARE** for the periodic care (approximately every two months) of, in particular, rough (i.e. ground or matt-finished) quartz materials. This product increases the resistance of quartz to stains.

**AKEMI QUARTZ POLISH** as well as **AKEMI QUARTZ CLEAN & CARE** are safe to use in areas upon contact with food.





## CARE-SETS

AKEMI QUARTZ CARE products are also available in different sets:



**QUARTZ CARE SET**  
in a transparent clamshell  
Art.No. 1 19 46

*Contents:*  
500 ml Quartz Clean & Care  
250 ml Quartz Intensive Cleaner  
250 ml Quartz Polish



**QUARTZ CARE SET**  
in a transparent plastic box  
Art.-No. 1 19 61

*Contents:*  
500 ml Crystal Clean  
500 ml Quartz Intensive Cleaner  
1 microfibre cloth





## OVERVIEW OF AKEMI QUARTZ CARE LINE

### CLEANING & CARE



#### 1 QUARTZ INTENSIVE CLEANER (for basic cleaning)

Art.No. 1 19 48	250 ml bottle with spray head (ready-to-use)
Art.No. 1 19 62	500 ml bottle with spray head (ready-to-use)
Art.No. 1 19 54	1000 ml bottle (ready-to-use)

#### 2 CRYSTAL CLEAN (for daily care)

Art.No. 1 09 54	500 ml bottle with spray head (ready-to-use)
Art.No. 1 19 03	5000 ml refill canister incl. tap (ready-to-use)
Art.No. 1 09 55	1000 ml bottle (concentrate)
Art.No. 1 09 56	5000 ml bottle (concentrate)





**3 PRO SCRUB (abrasive cleaning agent for special cleaning)**

Art. Nr. 1 10 44

500 ml bottle

**4 QUARTZ POLISH (for periodical care of polished surfaces)**

Art.No. 1 19 49

250 ml bottle

**5 QUARTZ CLEAN & CARE (for periodical care of rough surfaces)**

Art.No. 1 19 51

500 ml bottle with spray head (ready-to-use)

Further information on AKEMI products are available under  
[www.akemi.com](http://www.akemi.com)

**Retailer's stamp:**

Please notice: The above information is based on the latest stage of our development and application technology. Due to a multiplicity of different influencing factors, this information - as well as other oral or written technical advises - must be considered as non-binding hints. The user is obliged in each particular case to conduct performance tests, including but not limited to trials of the product, in an inconspicuous area or fabrication of a sample piece. Observation of Technical Data Sheet is mandatory ([www.akemi.com](http://www.akemi.com)).

**AKEMI®**

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