



dentavon®

dentavon® is an aldehyde-free disinfectant based on active oxygen.

Our plus:

- extensive spectrum of efficacy within 10 minutes (bacteria incl. Tb, fungi, HBV, HIV)
- Durability of prepared solution: 1 work day (= efficacy surety)
- good wetting characteristics, problem-free rinsing
- good cleaning power, dissolves dirt, blood and saliva and facilitates the removal of tartar

Application area

For the combined disinfection and cleaning of dental components and prosthetic material as well as dental mouldings made from silicon, polyether and alginate. [CE 0297]

Application methods / Indications

The efficacy of the dentavon®-ready-to-use solution compound stays stable for the duration of 1 working day and therefore guarantees full microbiological efficacy during this period.

Only in case of excessive soiling the dentavon®-ready-to-use solution should be changed in shorter intervals.

The microbiological efficacy of the dentavon®-ready-to-use solution for the disinfection of impressions has been proven in practical test trials on artificially contaminated impressions made from silicon-, polyether- and alginate impression materials.

dentavon®, in the 2% solution, also deactivates tuberculosis bacteria as well as hepatitis B virus and HIV at a reaction time of 10 minutes.

Considering hygienic aspects and in order to avoid bacteria- and infection transmission, the disinfection of dental impressions should always be effected at the dental practice prior to the transfer of the impressions to the dental laboratory.

If the dental laboratory is not sure, if the impressions have been disinfected, a disinfection of the material from the practice should be effected in all instances.

Application concentrations / Contact times

For the application of impression disinfection

Concentration	Reaction time
2% (= 2 level measuring spoons dentavon® to 2 l of water)	10 minutes

Microbiological efficacy

Based on a reaction time of 10 minutes, dentavon® is (among others) effective against:

- bacteria, fungi • enveloped viruses* (HBV, HIV, HCV)
- Tb* 2% – 10 Min • virucidal** 2% – 30 Min.

* To eliminate infection in case of known Tb-illness, the reaction time is to be increased to 30 minutes, using the appropriate impression material.

** acc. to RKI recommendation, Bundesgesundheitsblatt (German Health Gazette) 01/2004

Product specifications

Composition:

100 g dentavon® contains: 45 g Pentapotassium-bis(peroxymonosulphate)-bis(sulphate).

Labelling according to Regulation (EC) NO. 648/2004:

5 - 15 % anionic surfactants, < 5 % non-ionic surfactants, < 5 % soap, < 5 % phosphonates, perfumes

Chemical-physical data:

Granules:	
Appearance:	colorless to pale yellow granules
Bulk weight:	approx. 775 kg/m ³
Temperature stability:	-5 °C to room temperature
Solution:	
Appearance:	colorless, clear
pH-value (in tap water):	approx. 4

Labelling according to EC Directives

- Xi:** Irritant
R36/38: Irritating to eyes and skin.
R52: Harmful to aquatic organisms.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28: After contact with skin, wash immediately with plenty of water

Special indications

Renowned manufacturers of standard impressions advise that the manufacturer's instructions are to be observed implicitly in order to avoid problems during the imprinting and the subsequent processing. This especially concerns the observation of the specified mixing-, process- and curing times (powder/water), the usage of suitable impression spoons as well as a quick and bubble-free pouring of the impression with a compatible plaster after the successful taking of the impression. This significantly influences the quality of the impressions and therefore the quality of the dental components to be produced.

During the disinfection of impressions with dentavon® the prescribed application concentration as well as the reaction time of 10 minutes in the immersion bath should be particularly observed.

Do not store the tin above room temperature and always keep it closed. Do not ingest. Avoid contact with skin and eyes. Rinse the affected body parts with plenty of water. We recommend using gloves when handling the product. The solution may act as a bleach on sensitive textiles.

dentavon® is also suitable for usage in the ultrasonic bath. Based on the subsequent heating of the solution, the reaction time is

reduced to approx. 4-5 hours.

Forms of delivery / Package units

Container size	Package units	Art. No.
900 g-tin incl. measuring spoon	4 x 900 g-tin / carton	125 203

Accessories / Dosage Aids

	Art. No.
dentavon® disinfection tub set 3 litre, lid	145 004

Environmental information

schülke has a validated environment management system available according to the Eco management and Audit Scheme (Reg.No. DE-S-150 00003).

Expert opinion and information

For an overview of all expert opinions/literature available on the preparations dentavon® and please refer to www.schuelke.com

For individual questions:
 Customer Care
 Phone +49 (0)40/521 00-666



Schülke & Mayr GmbH is certified according to DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 13485 (Reg.-No. 004567-MP23) and has a validated environmental system in accordance with the Eco Audit Regulation (Reg.-No. DE-150-00003).

Schülke & Mayr GmbH
 22840 Norderstedt, Germany
 Phone +49 (0) 40 - 521 00 - 0
 Fax +49 (0) 40 - 521 00 - 318
www.schuelke.com
mail@schuelke.com

Schülke & Mayr UK Ltd.
 1 Jenkin Road
 GB-Sheffield S9 1AT
 Phone +44 (0) 1142 - 54 35 - 00
 Fax +44 (0) 1142 - 54 35 - 01
mail.uk@schuelke.com

Schülke & Mayr Ges.m.b.H
 Seidengasse 9
 1070 Wien, Austria
 Phone +43 (0) 1 - 523 25 01 - 0
 Fax +43 (0) 1 - 523 25 01 - 60
office.austria@schuelke.com