



Spray Off Product Variants

Surface disinfection

EN - Instructions for use



Spray Off

Ready-to-use liquid disinfectant solution



Spray Off Bio-wipes

Ready-to-use pre-soaked disinfectant wipes



Spray Off Wipes

Ready-to-use pre-soaked disinfectant wipes

Thank you for your purchase from Laboratorium Dr. Deppe.

This instructions for use applies to the following product variants:

- Spray Off
- Spray Off Bio-wipes
- Spray Off wipes

Please do not hesitate to contact us if you have any questions about the contents of these instructions for use or the use of the product.

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About the instructions for use

These instructions for use contain the necessary information for the correct use of the medical products **Spray Off**, **Spray Off Bio-wipes** and **Spray Off wipes** (below-mentioned as „product“).

The instructions for use must be kept in the immediate vicinity of the product and must be available to the user at all times.

All persons using the product must have read and understood the instructions for use, in particular the chapter on safety and the other applicable documents.

Report all serious incidents (damage, injuries, infections, etc.) that have occurred in connection with the product to the manufacturer without delay (see page 2) and the BfArM (for contact information, see <https://www.bfarm.de>).

Other applicable documents

In addition to the instructions for use, the following documents must be observed:

- Labels on the product packaging
- Product data sheets
- Material safety data sheets
- Operating instructions
- Information on the shelf lives of opened containers

The documents can be accessed on the website of Laboratorium Dr. Deppe GmbH or requested by E-mail.



Internet:
(www.drdeppe.de)














E-Mail:
(info@drdeppe.de)

Explanation of symbols

This instructions for use and the marking on the product is using symbols to draw attention to certain information and hazards.





Keep the symbols in clearly legible condition for the entire lifetime of the product and replace them immediately if they become worn.

| Symbol | Description |
|---|---|
|  | The letters CE stand for European Conformity, it symbolises the conformity of the product with the applicable requirements imposed by the European Community on the manufacturer. |
|  | DrDeppe pictogram for surface disinfection, it symbolises a marketing element without legal background. |
|  | Product manufacturer |
|  | Maximum shelf life |
|  | Production lot number / batch number |
|  | Item number |
|  | Follow the instructions for use |
|  | Medical device |
|  | Unique Device Identifier |
|  | Flammable: Easily flammable liquid and vapour |
|  | Caution: Causes serious eye irritation |

Safety

Read and follow all safety instructions and contact the manufacturer if anything is unclear (see page 2).

Personal protective equipment

| | Spray Off | Spray Off Bio-wipes and Spray Off wipes |
|--|---|---|
|  | Wear suitable gloves resistant to chemical penetration. EN 374. | Wear suitable gloves resistant to chemical penetration. EN 374. |
|  | Safety goggles recommended during refilling. EN 166. | Safety goggles recommended during refilling. EN 166. |
|  | Personal protective equipment. EN 340. EN 13034. | Wear suitable protective clothing. EN 340. EN 13034. |
|  | Not required for normal conditions of use. A-P2. EN 143. | Not required for normal conditions of use. |

Safety instructions

The following safety instructions apply when handling the product:

- Do not use Spray Off products on humans.
- Do not use Spray Off products for the disinfection of instruments, semi-critical and critical medical devices.
- Inspect the packaging for integrity before use.
- Do not use the product if the packaging is damaged.
- Do not use the product after the expiry date.
- Wear the required personal protective equipment (see page 6).
- Be aware of the risk of explosion and fire when using alcohol-based disinfectants over large areas.
- Use only fully soaked disinfectant wipes.
- Formation of flammable vapour-air mixtures is possible during use.
- Ensure good ventilation during and after use.
- Do not eat, drink or smoke when in use.
- Protect the product from direct sunlight and keep it away from sources of ignition, food, drink and fodder.
- Limit spray disinfection to areas that cannot be reached by wipe disinfection.
- Avoid contact with the skin, eyes and mucous membranes.
- Wash hands carefully after use and use a skin care cream.
- Remove clothing that has come into contact with the product immediately after use and wash before re-use.
- Do not use the product in combination with oxidising agents.
- Avoid release into the environment.
- Take measures against electrostatic discharges.
- Repeated exposure may cause skin dryness or cracking.
- In case of contact the product causes severe eye irritation.
- **Components that must be noted on the labelling:**
 - Ethanol
 - Didecyldimethylammonium chloride



Safety measures

When using Spray Off products, initiate the safety measures listed below.

After ingestion:

- Call a poison center or a doctor if you feel unwell.

After skin contact (or hair):

- Rinse skin with water/shower. Take off immediately all contaminated clothing.

After inhalation:

- Remove person to fresh air and keep comfortable for breathing.

After eye contact:

- Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

In all cases of doubt, or when symptoms persist, seek medical attention.

Firefighting measures

In case of accidental release observe the following instructions and measures.

Extinguishing media:

- **Suitable extinguishing media:**
Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.
- **Unsuitable extinguishing media:**
Strong water jet.

Special hazards arising from the substance or mixture:

- **Fire hazard:**
Flammable liquid and vapour.
- **Explosion hazard:**
Explosive vapour/air mixtures may be formed.
- **Hazardous decomposition products in case of fire:**
Toxic fumes may be released. Carbon monoxide. Carbon dioxide. Nitrogen oxides.

Advice for firefighters:

- **Protection during firefighting:**
Do not attempt to take action without suitable protective equipment.
Self-contained breathing apparatus. Complete protective clothing.

Other information:

- Do not allow run-off from fire fighting to enter drains or water courses.
Disposal must be done according to official regulations.

Accidental release measures

For non-emergency personnel

Emergency procedures:

- Ventilate spillage area. No open flames, no sparks, and no smoking.

For emergency responders:

Protective equipment:

- Do not attempt to take action without suitable protective equipment.

Intended use

Spray Off, Spray Off Bio-wipes and Spray Off wipes are alcohol-based surface disinfectants for the disinfection of surfaces of non-invasive medical products and surfaces in the medical environment. Excluded are surfaces of instruments or semi-critical and critical medical devices.

User requirements

The product is exclusively intended for use by trained healthcare professionals and cleaning professionals in the healthcare sector.

All persons using the product must have read and understood the entire instructions for use and in particular the chapter on safety before use.

Storage environment requirements

The product is intended for use within the following temperature ranges. No effectiveness data is available for use outside of the temperature limits.

| Description | Unit | Value |
|---|------|---------|
| Recommended ambient temperature the application (min. - max.) | [°C] | 20 - 25 |

Material compatibility

The product shows good material compatibility with negligible changes on surfaces made of various plastics, metals, glass and rubber. For surfaces that are not resistant to alcohol, such as acrylic glass and polycarbonate, but also on aluminium, the application is not recommended. With exceptionally long contact times (> 1 day), discolouration and loss of flexibility occurred on latex and rubber.

We recommend testing the material compatibility for the specific application on an inconspicuous area before the first application.

Product features

Spray Off products are ready-to-use disinfectants for professional surface disinfection.

The products are suitable for:

- routine and targeted disinfection
- alcohol-resistant, far from-patient and near-patient surfaces, especially in clinics, surgeries, outpatient departments and care facilities

Spray Off is bactericidal, yeasticidal, fungicidal and effective against enveloped viruses as well as Adeno-, Noro- and Polyomaviruses (active against enveloped viruses and limited spectrum of virucidal).

Spray Off products serve to prevent diseases caused by viruses and bacteria by reducing the number of pathogenic germs and thus minimising the likelihood of infection.

Spray Off



Spray Off is a ready-to-use solution for surface disinfection.

Spray Off is ready for immediate use. The product is preferably applied safely to the surfaces to be disinfected using soaked, hygienic (disposable) wipes.

In hard-to-reach places, Spray Off can be sprayed on with the pump or spray bottle.

Spray Off Bio-wipes



Spray Off Bio-wipes are ready-to-use disinfectant wipes.

The wipes are made of 100% biodegradable fabric.

Spray Off wipes



Spray Off wipes are ready-to-use disinfectant wipes. The wipes are made of polypropylene wipe material.

Composition

The following specifications refer to 100 g of the product in each case, and 100 g of the soaking solution for Spray Off Bio-wipes and Spray Off wipes.




| Spray Off | Unit | Value |
|----------------------------------|------|-------|
| Ethanol | [g] | 63,5 |
| Didecyldimethylammonium chloride | [g] | 0,05 |

| Spray Off Bio-wipes and Spray Off wipes | Unit | Value |
|---|------|-------|
| Ethanol | [g] | 63,5 |
| Didecyldimethylammonium chloride | [g] | 0,05 |

Chemico physical properties

| | Spray Off | Spray Off Bio-wipes and Spray Off wipes (soaking-solution) |
|----------|----------------------|--|
| Colour | colourless | colourless |
| State | liquid | liquid |
| pH-value | 10,6 - 11,2 | 10,6 - 11,2 |
| Density | 0,8829 - 0,8929 g/ml | 0,8829 - 0,8929 g/ml |

Biocide registration and listing

| | Spray Off | Spray Off Bio-wipes | Spray Off wipes |
|------------------|---|---|---|
| Biocide-Reg. No. | N-91345 | N-96077 | N-91346 |
| Listing |  |  |  |

Recommended exposure times

The effectiveness of the product depends on the combination of the concentrate and the exposure time of the product on the treated surface. The amount to be applied to

Influencing factors:

- For rough surfaces and low temperatures, increase the exposure time and/or concentration.
- Keep the surface moistened with use solution for the entire application time for a safe effect.

Spray Off

The recommended exposure times for Spray Off are shown in the table below.

| Spray Off | | Condition | | Norm | Exposure time |
|--|------------------------|-----------|-------|-----------|---------------------------|
| | | dirty | clean | | |
| Bactericidal | with mechanical action | X | | EN 13727 | 1 min. (VAH 5 min.) |
| Yeasticidal | | | | EN 16615* | |
| | | | | EN 13624 | |
| | EN 16615* | | | | |
| Fungicidal (<i>C. albicans</i> , <i>A. brasiliensis</i>) | | X | | EN 13624 | 5 min. |
| Active against enveloped viruses (Vaccinia strain Elstree, BVDV strain NADL) | 10% FBS | | | DVV/RKI | 1 min. |
| Limited spectrum of virucidal activity (Murine Norovirus, Adenovirus type 5) | 10% FBS | | | DVV/RKI | 1 min. |
| Virucidal against Polyoma SV40 | 10% FBS | | | DVV/RKI | 5 min. |
| Virucidal (Murine Norovirus, Adenovirus type 5, Poliovirus type 1) | | | X | EN 14476 | 5 min. |

*tested on reference wipe

Spray Off Bio-wipes

The recommended exposure times for Spray Off Bio-wipes are shown in the table below.

| Spray Off Bio-Wipes | | Condition | | Norm | Exposure time |
|--|------------------------|-----------|-------|-----------|---------------------------|
| | | dirty | clean | | |
| Bactericidal | with mechanical action | X | | EN 13727* | 1 min. (VAH 5 min.) |
| Yeasticidal | | | | EN 16615 | |
| | | | | EN 13624* | |
| | | | | EN 16615 | |
| Fungicidal (C. albicans, A. brasiliensis) | | X | | EN 13624* | 5 min. |
| Active against enveloped viruses (Vaccinia strain Elstree, BVDV strain NADL) | | 10% FBS | | DVV/RKI* | 1 min. |
| Limited spectrum of virucidal activity (Murine Norovirus, Adenovirus type 5) | | 10% FBS | | DVV/RKI* | 1 min. |
| Virucidal against Polyoma SV40 | | 10% FBS | | DVV/RKI* | 5 min. |
| Virucidal (Murine Norovirus, Adenovirus type 5, Poliovirus type 1) | | | X | EN 14476* | 5 min. |

*tested on soaking solution

Spray Off wipes

Die empfohlenen Einwirkzeiten für Spray Off wipes sind der nachfolgenden Tabelle zu entnehmen.

| Spray Off wipes | | Condition | | Norm | Exposure time |
|--|------------------------|-----------|-------|-----------|---------------|
| | | dirty | clean | | |
| Bactericidal | with mechanical action | X | | EN 13727* | 1 min. |
| Yeasticidal | | | | EN 16615 | |
| | | | | EN 13624* | |
| | | | | EN 16615 | |
| Fungicidal (C. albicans, A. brasiliensis) | | X | | EN 13624* | 5 min. |
| Active against enveloped viruses (Vaccinia strain Elstree, BVDV strain NADL) | | 10% FBS | | DVV/RKI* | 1 min. |
| Limited spectrum of virucidal activity (Murine Norovirus, Adenovirus type 5) | | 10% FBS | | DVV/RKI* | 1 min. |
| Virucidal against Polyoma SV40 | | 10% FBS | | DVV/RKI* | 5 min. |
| Virucidal (Murine Norovirus, Adenovirus type 5, Poliovirus type 1) | | | X | EN 14476* | 5 min. |

*tested on soaking solution



Application

This chapter describes how to use Spray Off products safely and effectively.

Application instructions

Observe the hygiene requirements for the disinfection of surfaces (in Germany: the KRINKO recommendations on the subject of surface disinfection, or the VAH recommendations for routine disinfection).

The ready-to-use product can be used by spraying (without mechanics), preferably by wiping with the help of a disposable cloth / mop (with mechanics), or in a combination of spraying /wiping (with mechanics).

Do not combine with cleaners.

Not suitable for disinfection of surfaces of semi-critical and critical medical devices.

Use of Spray Off products

Follow the steps below to disinfect surfaces with the product.

Preparation

- Remove visible soiling from the surface to be disinfected using a soft and clean wipe.

Wipe disinfection with ready-to use-solution (Spray Off)

1. Personal protective equipment: Put on protective gloves, protective clothing, splash goggles and respiratory protection (see page 6).
2. Carefully loosen the cap of the bottle or canister containing the ready-to-use disinfectant and set the opened container down safely.
3. Recommendation: Take a hygienic (disposable) wipe that has as little lint as possible and is absorbent.
4. Carefully saturate the cloth with the disinfectant. Avoid unnecessary spillage or splashing. Recommendation: Use removal or dosing aids.
5. Spread the ready-to-use solution with the wipe until the surface to be disinfected is completely wetted.
6. Rub the surface with the soaked wipe under slight pressure.
7. Keep the surface moist during the entire exposure time. If necessary, wipe the surface again with a fresh disinfectant wipe (see page 14). Avoid contaminating of the disinfectant solution.
8. Dispose of the disinfection wipe properly (see page 18).
9. Securely close the container again with the original lid.

Spray/wipe disinfection with pump bottle (Spray Off ready-to-use solution)

1. Personal protective equipment: Put on protective gloves, protective clothing, splash goggles and respirator (see page 6).
2. Turn the spray head of the pump bottle to ON.
3. Test the material compatibility on an inconspicuous area, observing the planned exposure time.
4. Spray the working solution onto the entire surface to be disinfected from a distance of approx. 30 cm. Apply disinfectant only in a maximum quantity of 50 ml/m² room floor area.
5. Recommendation: Spread the working solution with a clean disposable wipe until the surface is completely wetted.
6. Rub the surface with the soaked wipe under slight pressure.
7. Keep the surface moist during the entire exposure time. If necessary, wipe the surface again with a fresh disinfectant wipe (see page 14). Avoid contaminating of the disinfectant solution.
8. Dispose of the disinfection wipe properly (see page 18).
9. Securely close the container again with the original lid.

Wipe disinfection with disinfectant wipe (Spray Off Bio-wipes and Spray Off wipes)

1. Personal protective equipment: Put on protective gloves, protective clothing and splash goggles (see page 6).
2. Open the closing flap, remove a disinfectant wipe from the wipe dispenser and close the closing flap tightly again. The disinfection wipes must be completely saturated with soaking solution.
3. Test the material compatibility on an inconspicuous area, observing the planned exposure time.
4. Carefully wipe the entire surface with the disinfectant wipe until it is completely wetted with the working solution/soaking solution.
5. Rub the surface with the soaked wipe under slight pressure.
6. Keep the surface moist during the entire exposure time. If necessary, wipe the surface again with a fresh disinfectant wipe (see page 14). Avoid contaminating of the disinfectant solution.
7. Dispose of the disinfection wipe properly (see page 18).
8. Securely close the container again with the original lid.

Storage and disposal

This chapter describes how to properly store and dispose of Spray Off products.

Storage environment requirements

Store the product tightly closed in a well-ventilated location and protect it against unauthorised access. Observe the following storage temperature limits.

| Description | Unit | Value |
|---|------|----------------------|
| Temperature limits for short-term storage (min. - max.) | [°C] | 0 - 40 ¹⁾ |
| Ambient temperature for long-term storage according to shelf life (min. - max.) | [°C] | 20 - 25 |

¹⁾ Short term storage (max. 24 h) up to max. 40 °C has no effect on the effectiveness of the product.

Shelf life

Do not use the product after the expiry date indicated on the packaging and dispose of it properly.

Spray Off can be stored for 12 months after opening in a closed condition.

Spray Off Bio-wipes and **Spray Off wipes** can be used for up to 28 days after opening in a closed condition.

Disposal of Spray Off products

Disposal must be carried out in accordance with applicable national and local regulations. Please also observe the instructions from the safety data sheet for the working solution and disinfection wipes.

Order details

For orders from Laboratorium Dr. Deppe, use the item numbers given below.

Spray Off

| Item number | Container size |
|-------------|----------------|
| 600986 | 18 x 500 ml |
| 601330 | 12 x 1 L |
| 601334 | 2 x 5 L |
| 601332 | 1 x 10 L |

Spray Off Bio-wipes

| Item number | Container size |
|-------------|----------------------------|
| 601333 | 1 x 70 wipes (bucket) |
| 601329 | 6 x 70 wipes (refill-pack) |
| 601331 | 12 x 80 wipes (flowpack) |

Spray Off wipes

| Item number | Container size |
|-------------|-------------------------|
| 601351 | 150 wipes (can) |
| 601352 | 150 wipes (refill-pack) |



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