

# **ACTIOMEDIC®** Eye Wash Solutions





## Eye Wash | First Aid for the Eyes



## Every second counts: Protection for your most important sense organ



### Did you know?

Our eye is a masterpiece of nature and the most important sense organ of man. Only the interaction of many small parts in this sensitive organ makes vision possible.

More than 90% of all sensory impressions are received through the eye. Reason enough to pay special attention to this sensory organ - and to make provisions for the worst case scenario.

Just a few seconds can make the difference between impaired vision and, in the worst case, loss of vision. In the case of an eye injury caused by foreign bodies or chemical burns, seconds can be lost. If first aid is not given immediately and consistently in such a case, the eye can suffer permanent irreparable damage. Every year, eye injuries are one of the most frequent accidents reported by the professional associations. Precaution and prudent action is of great importance here. GRAMM medical offers here different solutions, which are mobile and stationary applicable and are cut to the kind of the job as well as the size of the enterprise. The variety of our products guarantees you an optimal solution, which is suitable for every working environment.

Our eye wash concept is developed in such a way that every user can use it easily and flexibly - without assistance. We guarantee a safe and simple application.

All ACTIOMEDIC<sup>®</sup> EYE CARE products are CE tested and approved medical products and are constantly subjected to strict quality controls. All products comply with DIN EN 1515-4 (eye showers without water connection).

Do you have any questions? We will be happy to advise you.

| Endangered workplaces                                                                                                     | Nature of the injury                                                                      | Eye wash product / effect                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Workshops<br>Metalworking companies<br>Industry<br>Woodworking companies etc.<br>Shipyards and mining<br>Civil Protection | Mechanical injury due to foreign<br>body entry, e.g. chips, metal<br>splinters, dirt etc. | <ul> <li>Sodium chloride solution,</li> <li>0.9%</li> <li>→ washes foreign bodies from the eye</li> </ul>      |
| Chemical laboratories<br>Chemical companies<br>Industry<br>Police<br>Military<br>Fire department and others               | Chemical burns, e.g. acids and alkalis                                                    | <ul> <li>Buffered eye wash solution</li> <li>BioPhos®74</li> <li>→ neutralizes chemicals in the eye</li> </ul> |

## Our high-quality ACTIOMEDIC® EYE CARE Eye Wash Bottle



### Regulations and standards for eye wash bottles:

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GRAMM medical eye wash bottles are CE-certified and comply with DIN EN 15 154-4. Eye washes without water connection and are medical products according to MPG.

#### **Occupational Safety and Health Act §3:**

The employer must organize measures for occupational safety and health and provide suitable means to improve safety and health protection in the company. The employees must use the personal protective equipment provided.

#### Workplace Ordinance § 39:

Depending on the type of hazard (e.g. when handling acids and alkalis) eye rinsing bottles must be available.

### Transport of hazardous goods:

Obligation of the forwarding agency to equip each transporter of hazardous goods with a car first-aid box according to DIN 13 164, which is extended by an eye rinsing bottle, safety goggles, etc.

### Eye Wash Solution BioPhos®74

Eye rinsing for chemical burns - even more gentle on the eye.



Recommendation: Scan the QR Code for more information.



This is what the press writes about BioPhos74:

New eye rinsing solution allows highly effective treatment.

...The eye rinsing solution BioPhos74 is highly effective and at the same time very well tolerated. As it is adapted to the extracellular electrolyte ratios (sodium-potassium content) of the tissue, secondary cell damage in the eye area is largely reduced. Source: Extract 8.2011 | 34. Jahrgang | Rettungsdienst | 713

## **Special Advantages**

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### Did you know?

Your eye is a masterpiece of nature and your most important sense organ. Only the interaction of many small parts in this organ makes SEEING possible. When working with chemicals, they can enter the eye as solid, liquid or gaseous substances. Therefore, eye protection is very important at work! Please have **BioPhos®74** ready in case of an emergency in order to quickly and effectively prevent damage to the eye in case of chemical burns. **BioPhos®74** works effectively and maintains the cellular electrolyte equilibrium through the exclusive use of natural substances that are subject to physiological metabolism and especially correspond to the extracellular sodium-potassium ratio.

## Areas of Use

The **BioPhos®74** rinsing solution in the 250 ml bottle is versatile and an important part of the first aid kit e.g. for

- Businesses & Laboratories
- Transport of dangerous goods
- Emergency Services
- Fire department & disaster control
- Police & Military

**BioPhos®74** is a useful addition to stationary eye showers, since they are highly concentrated, corrosive and rapidly penetrating chemicals require a rapid intervention time and unbuffered rinsing solutions are not sufficient to ensure an irreversible prevent cell damage.

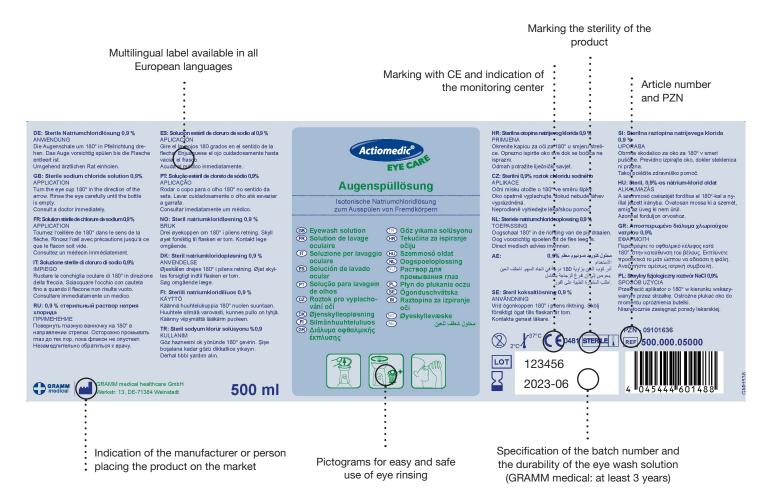
## Effect

The **BioPhos®74** rinsing solution neutralizes immediately due to its buffering effect in the physiological pH-range of 7.4 and is particularly gentle due to the absence of any exogenous components such as preservatives. Since it contains the extrais adapted to the cellular electrolyte conditions of the

tissue, secondary cell damage after rinsing is largely reduced by **BioPhos®74**.

Due to the high buffer capacity **BioPhos®74** acts fast in case of eye burns caused by strong acids and alkaline solutions. The sterile rinsing solution is ready for use in the handy 250 ml bottle for fast initial treatment. The integrated ergonomic rinsing head allows easy and correct application - even for laymen and injured persons without additional help. After application of **BioPhos®74** rinse with physiological sodium chloride solution (0.9%).

# Useful information on the correct labelling of eye rinsing solutions according to the Medical Devices Act and the standards for eye rinsing:



## Application - easy and fast

### Our ACTIOMEDIC® EYE CARE eye rinses with ergonomic rinsing head are so easy to use:



1. Remove the bottle from the station.



2. Remove the dust protection cap from the eye wash bottle head.



3. Turn eye rinsing bowl by 180° until sealant breaks.



4. Lean back the head, place the eye cup over the eye and rinse.

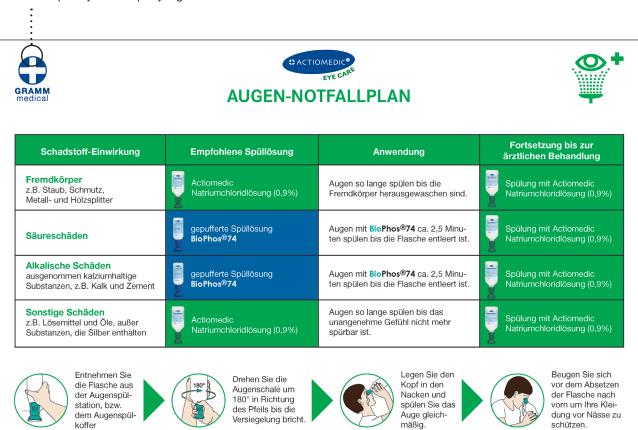


5. Bend the head forward and rinse if clothing should not get wet.

#### Please note:

For all soiling, the eye should be rinsed with a soft and even jet. Gently press the eye rinsing bottle during the rinsing process. Medical advice should be sought for any eye injury or soiling. Flushing should continue during transport to the doctor. Do not reuse an opened bottle (risk of infection).

#### Here on request your company logo!





WICHTIG: Spülen Sie das Auge unabhängig von der Art der Verletzung stets mit einem gleichmäßigen weichen Strahl und halten Sie es dabei weit geöffnet. Drücken Sie die Flasche beim Spülen leicht. Bei jeder Augenverletzung / -verschmutzung ist unverzüglich ärztlicher Rat einzuholen! Setzen Sie die Spülung unbedingt mit Natriumchloridlösung (0,9%) fort bis ein Arzt konsultiert wurde.

## **Eye Wash Bottles**









### ACTIOMEDIC® EYE CARE eye wash bottle with sodium chloride solution 0.9%, 500 ml

Sterile eyewash bottle with sodium chloride solution, corresponds DIN EN 15 154-4, for rinsing out foreign bodies, e.g. wood and metal splinters, shavings, dust, dirt. For mobile use or for refilling the station and case, with ergonomic rinsing head and dust cap.

Dimensions: 225 x ø80 mm Durability: > 3 years Content: 500 ml Rinsing time: approx. 5 min. Weight: 580 g

| Art.Nr.       | Version                                                          | PU      |
|---------------|------------------------------------------------------------------|---------|
| 500.000.05000 | Eye wash bottle 500 ml with dust protection cap                  | 6 pcs.  |
| 500.000.51000 | Eye wash bottle 500 ml with dust protection cap in single carton | 12 pcs. |

### ACTIOMEDIC® EYE CARE eye wash bottle with sodium chloride solution 0.9%, 250 ml

Sterile eyewash bottle with sodium chloride solution, corresponds DIN EN 15 154-4, for rinsing out foreign bodies, e.g. wood and metal splinters, shavings, dust, dirt. For mobile use or for refilling the station and case, with ergonomic rinsing head and dust cap.

| Content: 250 ml<br>Rinsing time:<br>approx. 2,5 min. | Dimensions: 190 x ø65 mm<br>Weight: 330 g               | Durability: | > 3 years |
|------------------------------------------------------|---------------------------------------------------------|-------------|-----------|
| Art.Nr.                                              | Version                                                 |             | PU        |
| 500.000.02500                                        | Eye wash bottle 250 ml with dust protection             | ion cap     | 10 pcs.   |
| 500.300.02500                                        | Eye wash bottle 250 ml with dust protecti single carton | on cap in   | 12 pcs.   |

### ACTIOMEDIC® EYE CARE eye wash bottle with buffered rinsing solution BioPhos®74, 500 ml

Sterile eye rinsing bottle with phosphate-buffered rinsing solution (4.9%), for eye burns caused by chemicals, high buffer capacity, particularly gentle due to the absence of exogenous components and preservatives, complies with DIN EN 15 154-4. For mobile use or for refilling station and case, with ergonomic rinsing head and dust cap

Content: 500 ml Dimensions: 225 x ø80 mm Durability: > 3 years Rinsing time: approx. 5 min. Weight: 580 g

| Art.Nr.       | Version                                    | PU     |
|---------------|--------------------------------------------|--------|
| 500.100.74500 | BioPhos®74 500 ml with dust protection cap | 6 pcs. |

### ACTIOMEDIC<sup>®</sup> EYE CARE eye wash bottle with buffered rinsing solution BioPhos®74, 250 ml

Sterile eye rinsing bottle with phosphate-buffered rinsing solution (4.9%), in case of chemical eye burns, high buffer capacity, particularly gentle due to the absence of exogenous components and preservatives, complies with DIN EN 15 154-4. For mobile use or for refilling the ward and case, with ergonomic rinsing head and dust cap.

Content: 250 ml Rinsing time: approx. 2,5 min. Dimensions: 190 x ø65 mm Durability: > 3 years Weight: 330 g

| Art.Nr.       | Version                                                                  | PU      |
|---------------|--------------------------------------------------------------------------|---------|
| 500.100.74200 | BioPhos®74 250 ml with dust protection cap                               | 10 pcs. |
| 500.300.74200 | BioPhos <sup>®</sup> 74 250 ml with dust protection cap in single carton | 12 pcs. |

## The new ACTIOMEDIC® Eye Wash Bottle TWIN

Allows both eyes to be rinsed simultaneously.



## **Special Advantages**

In an emergency, just a few seconds can make the difference between impaired vision and, in the worst case, loss of vision. If first aid is not given immediately and consistently in such a case, the eye can suffer permanent irreparable damage.



GRAMM medical therefore offers you **ACTIOMEDIC® EYE CARE TWIN** an eye rinse with which both eyes can be rinsed simultaneously in case of an eye injury.

For double safety and for even faster help in an emergency.

## Eye Wash Bottles TWIN



# ACTIOMEDIC<sup>®</sup> EYE CARE TWIN eye wash bottle with sodium chloride solution 0.9%, 500 ml

Sterile eye rinsing bottle with sodium chloride solution, for rinsing out foreign bodies, e.g. wood and metal splinters, chips, dust, dirt, according to DIN EN 15 154-4, for mobile use or for refilling of ward and case, with ergonomic rinsing head for simultaneous rinsing of both eyes

| Content: 500 m<br>Rinsing time: ap |                   | Dimensions:<br>120 x 80 x 210 mm<br>Weight: 580 g | Durability:<br>> 3 years |        |
|------------------------------------|-------------------|---------------------------------------------------|--------------------------|--------|
| Art.Nr.                            | Version           |                                                   |                          | PU     |
| 500.000.05002                      | Eye wash bottle s | odium chloride 500 ml TWIN                        |                          | 6 pcs. |



# ACTIOMEDIC<sup>®</sup> EYE CARE TWIN eye wash bottle with buffered rinsing solution BioPhos<sup>®</sup>74, 500 ml

Sterile eye wash bottle with BioPhos®74 buffered rinsing solution, for treatment of chemical burns, high buffer capacity, according to DIN EN 15 154-4, for mobile use or refilling of ward and case, with ergonomic rinsing head for simultaneous rinsing of both eyes

| Content: 500 m<br>Rinsing time: ap |                 | Dimensions:<br>120 x 80 x 210 mm<br>Weight: 580 g | Durability:<br>> 3 years |        |
|------------------------------------|-----------------|---------------------------------------------------|--------------------------|--------|
| Art.Nr.                            | Version         |                                                   |                          | PU     |
| 500.200.74203                      | Eye wash bottle | BioPhos®74 500 ml TWIN                            |                          | 6 pcs. |



# ACTIOMEDIC<sup>®</sup> EYE CARE TWIN Single I or II eye wash station

Eye rinsing station with one bottle for wall mounting, bottle ready for use and sterile with ergonomic rinsing head TWIN for simultaneous rinsing of both eyes, incl. pictogram board and mirror, for easy handling, incl. holder, eye emergency plan and mounting material, depending on application with 500 ml sodium chloride solution or 500 ml buffered rinsing solution BioPhos<sup>®</sup>74.

Rinsing time: approx. 2.5 min.

Dimensions: 215 x 80 x 300 mm Durability: > 3 years

| Art.Nr.       | Version                                                  | PU    |
|---------------|----------------------------------------------------------|-------|
| 500.200.30010 | Eye wash station sodium chloride 500 ml<br>TWIN Single I | 1 pc. |
| 500.200.30020 | Eye wash station BioPhos®74 500 ml TWIN Single II        | 1 pc. |

500.200.30020

## The new ACTIOMEDIC® Medi2Protect Eye Wash Station

For even faster and more effective help in an emergency.



## **Special Advantages**

In endangered workplaces such as workshops, metalworking stores or chemical laboratories, eye rinsing solutions must be available according to the workplace ordinance §39.

Here GRAMM medical offers a fast accessible, robust and easy to operate eye rinsing station for wall mounting or for mobile use. The comfortable wall-mounted eye wash station offers easy and fast access to the eye rinsing solution, so that in case of emergency a quick reaction is possible. The station offers space for up to three **ACTIOMEDIC**<sup>®</sup> **EYE CARE** eye wash bottles, which can be combined as required.

A further and very important advantage of our new eye rinsing station is that it can be used flexibly. Mounted on the wall, it is a concrete point of contact for injured persons and thanks to the striking signal color, it is easy to find even with limited vision. As a mobile emergency case, it can also be taken into the danger zone, so that in an emergency, first aid can be given quickly and flexibly directly at the scene of the accident.

## Medi2Protect Eye Wash Station



### ACTIOMEDIC® EYE CARE Medi2Protect I

Quickly accessible and easy to use eye wash station in orange, for wall mounting or to use as mobile emergency case, with transparent front panel, three bottles ready to use and sterile with ergonomic rinsing head, incl. mirror for easy handling, dustproof, waterproof and space saving, incl. mounting material + eye emergency plan

Rinsing time : approx. 15 min (total)DurabilDimensions: 35,5 x 11 x 50 cmWeight:

Durability > 3 years Weight: 2,75 kg

| Art.Nr.       | Version                                                                   | PU    |
|---------------|---------------------------------------------------------------------------|-------|
| 500.200.20000 | Eye wash station 2 x 500 ml sodium chloride 0.9%<br>1 x 500 ml BioPhos®74 | 1 pc. |



### ACTIOMEDIC® EYE CARE Medi2Protect II

Quickly accessible and easy to use eye wash station in orange, for wall mounting or to use as mobile emergency case, with transparent front panel, three bottles ready to use and sterile with ergonomic rinsing head, incl. mirror for easy handling, dustproof, waterproof and space saving, incl. mounting material + eye emergency plan

Rinsing time : approx. 15 min (total) Dimensions: 35,5 x 11 x 50 cm

Durability > 3 years Weight: 2,75 kg

| Art.Nr.       | Version                                          | PU    |
|---------------|--------------------------------------------------|-------|
| 500.200.20010 | Eye wash station 3 x 500 ml sodium chloride 0.9% | 1 pc. |



500.200.10000



### ACTIOMEDIC<sup>®</sup> EYE CARE Medi2Protect TWIN I oder II Augenspülstation

Quickly accessible and easy to use eye wash station in orange, for wall mounting or to use as a mobile emergency case, with transparent front panel, three bottles ready for use and sterile with ergonomic TWIN rinsing head, incl. mirror for easy handling, dust-tight, water-repellent and space-saving, incl. mounting material + eye emergency plan, available in two versions

#### Medi2Protect TWIN I

Content: 2 x 500 ml sodium chloride 1 x 500 ml BioPhos®74 Rinsing time: 2.5 min per bottle Dimensions: 350 x 110 x 500 mm Weight: 2,75 kg Durability: > 3 years

#### Medi2Protect TWIN II

Content: 3 x 500 ml Natriumchlorid Rinsing time: 2.5 min per bottle Dimensions: 350 x 110 x 500 mm Weight: 2,75 kg Durability: > 3 years

| Art.Nr.       | Version                  | PU    |
|---------------|--------------------------|-------|
| 500.200.10000 | Eye Wash Station TWIN I  | 1 pc. |
| 500.200.10010 | Eye Wash Station TWIN II | 1 pc. |

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## **Eye Wash Stations**

### ACTIOMEDIC<sup>®</sup> EYE CARE Design Eye Wash Station Medidrop I

Optically appealing and easy to use eye wash station with transparent lid and two bottles for wall mounting, bottles ready for use and sterile with ergonomic rinsing head, incl. mirror and pictogram for easy handling, dust-tight and space-saving, incl. mounting material + eye emergency plan. Contents: 2 x 500 ml sodium chloride solution 0.9

| 0 (           | al): approx. 10 min<br>rox. 27 x 10 x 35 cm | Durability: > 3 years |       |
|---------------|---------------------------------------------|-----------------------|-------|
| Art.Nr.       | Version                                     |                       | PU    |
| 500.101.10010 | 2 x 500 ml sodium chlorid                   | le 0,9%               | 1 pc. |



### ACTIOMEDIC<sup>®</sup> EYE CARE Design Eye Wash Station Medidrop II

Optically appealing and easy to use eye wash station with transparent lid and two bottles for wall mounting, bottles ready for use and sterile with ergonomic rinsing head, incl. mirror and pictogram for easy handling, dust-tight and space-saving, incl. mounting material + eye emergency plan. Content: 1 x 500 ml sodium chloride solution and 1 x 250 ml buffered rinsing solution BioPhos®74

Rinsing time: approx. 5 min. sodium chloride, approx. 2.5 min. BioPhos®74 Dimensions: approx. 27 x 10 x 35 cm Durability: > 3 years

| Art.Nr.       | Version                                                                  | PU    |
|---------------|--------------------------------------------------------------------------|-------|
| 500.100.10020 | 1 x 500 ml sodium chloride 0,9% +<br>1 x 250 ml <mark>Bio</mark> Phos®74 | 1 pc. |



### ACTIOMEDIC® EYE CARE Eye Wash Station Single

Eye wash station with one bottle for wall mounting, bottle ready for use and sterile with ergonomic rinsing head and dust cap, incl. pictogram board and mirror, for easy handling, incl. holder, eye emergency plan and mounting material, available in two versions, depending on the application with 500 ml sodium chloride solution or 250 ml / 500 ml buffered rinsing solution Bio-Phos®74.

Dimensions: approx. 20 x 30 cm

Durability: > 3 years

| Art.Nr.       | Version                     | PU    |
|---------------|-----------------------------|-------|
| 500.000.01190 | 500 ml sodium chloride 0,9% | 1 pc. |
| 500.100.01290 | 250 ml BioPhos®74           | 1 pc. |
| 500.100.01390 | 500 ml BioPhos®74           | 1 pc. |



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### ACTIOMEDIC® EYE CARE Eye Wash Station Double I

Eye wash station with two bottles for wall mounting, bottles ready for use and sterile with ergonomic rinsing head and dust cap, incl. holder for wall mounting, with mirror and pictogram for easy handling, incl. mounting material + eye emergency plan.

Contents: 2 x 500 ml sodium chloride solution 0.9

Rinsing time: approx. 10 min (total) Durability: > 3 years Dimensions: approx. 25 x 30 cm PU Art Nr. Version 500.000.01100 2 x 500 ml sodium chloride solution, 0.9 1 pc.

### ACTIOMEDIC® EYE CARE Eye Wash Station Double II

Eye wash station with two bottles for wall mounting, bottles ready for use and sterile with ergonomic rinsing head and dust cap, incl. holder for wall mounting, with mirror and pictogram for easy handling, incl. mounting material + eye emergency plan. Content: 1 x 500 ml sodium chloride solution 0.9% and 1 x 250 ml buffered rinsing solution BioPhos®74 Rinsing time: approx. 5 min sodium chloride Dimensions: approx. 25 x 30 cm approx. 2.5 min BioPhos<sup>®</sup>74 Durability: > 3 years

|               | approx. 2.5 min BioFnos-74                                | Durability. > 5 years |       |
|---------------|-----------------------------------------------------------|-----------------------|-------|
| Art.Nr.       | Version                                                   |                       | PU    |
| 500.100.01150 | 1 x 500 ml sodium chloride solut<br>1 x 250 ml BioPhos®74 | ion, 0.9% +           | 1 pc. |



### ACTIOMEDIC<sup>®</sup> EYE CARE Eye wash cabinet with additional equipment

Single-door first-aid cabinet made of robust sheet steel, powder-coated, for wall mounting, incl. eye emergency plan. Contents: Eye wash bottles (see below, shelf life: > 3 years) + 1 eye patch, 2 eye compresses, 1 adhesive plaster, 4 disposable gloves, 5 non-woven cloths.

Dimensions: approx. 360 x 290 x 145 mm Color: white, with eye wash symbol

| Art.Nr.       | Version                                                              | PU    |
|---------------|----------------------------------------------------------------------|-------|
| 500.000.30010 | 3 x 500 ml sodium chloride solution, 0.9%                            | 1 pc. |
| 500.000.30020 | 2 x 500 ml sodium chloride solution, 0.9% +<br>1 x 500 ml BioPhos®74 | 1 pc. |



### Belt bag for 250 ml eye wash bottles

Practical belt pouch with Velcro fastener and fastening straps for mobile use, protects against dirt, can be opened easily and quickly in an emergency.

Dimensions: approx. 20 cm x 7 cm Color: green, with eye wash symbol

| Art.Nr.       | Version                            | PU    |
|---------------|------------------------------------|-------|
| 500.100.64300 | Belt bag for 250 ml bottle / empty | 1 pc. |

## Wound + Eye Care



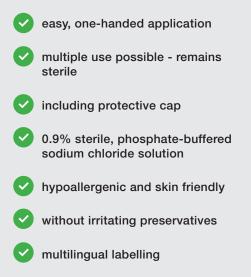
### Did you know?

The **ACTIOMEDIC®** Wound and Eye **Spray** with 0.9% phosphate-buffered sodium chloride solution is the ideal addition to the mobile and stationary first aid equipment. The spray can be easily put into the first aid kit as additional equipment or carried along by its compact size in mobile use.

Uncomplicated and one-handed, it is suitable for cleaning smaller wounds as

well as for washing out foreign bodies in the eyes. The spray does not burn in the wound and sprays in all directions with an even jet.

In contrast to eye rinsing bottles, the wound and eye spray can be used several times and still remains sterile. The protective cap additionally protects the spray head from external soiling.







### **ACTIOMEDIC®** Wound and Eye Spray

Spray for cleaning smaller wounds and washing out eyes. Contains phosphate-buffered sodium chloride solution 0.9%. Multiple use possible - remains sterile. Can be sprayed with an even jet in all directions. Includes protective cap.

Dimensions: 19 x 72 mm, 25 x 72 mm Contents: 50 ml phosphate-buffered sodium chloride solution 0.9%

| Art.Nr.       | Version                                        | PU      |
|---------------|------------------------------------------------|---------|
| 500.000.40050 | 50 ml wound and eye spray incl. protective cap | 16 pcs. |



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### Your specialist trade partner:

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