Make the path to first aid easy, quick and effective
Each day minor and major accidents occur – this is the harsh reality. It is therefore important always to have first aid products at hand – if the accident occurs.

We offer you and your colleagues a wide range of first aid products, enabling you to provide quick, safe and hygienic treatment of both cuts and minor wounds as well as eye injuries.

First aid should be close at hand
The starting point being your needs
The first aid products consist of plasters, wound cleansing wipes and a wide range of eye wash solutions. You can combine the products just as you like. The important thing is that the first aid products cover the accidents, which are likely to occur at your workplace.

Quick help is essential
If the accident occurs, quick first aid is crucial to the extent of the injury. Especially when it comes to eye injuries. But quick first aid is also important in case of minor injuries, such as wounds and cuts. You limit the discomforts and are quickly back to work.

The key is accessibility!
This cannot be emphasised enough. The first aid products should be at hand – not in the back of the closet, at the bottom of the drawer or any place, where they cannot be found quickly, easily and efficiently. For this reason, our products can be mounted both visible and accessible to everyone. This applies to both the individual products and the first aid station. Read more about it on the following pages. And do it before the next accident occurs.
You only have two eyes – take good care of them!

It is easy to rinse your eyes!

Remove the bottle from the station horizontally. Twist the lid until the sealing breaks. Lean your head backwards and rinse. Or lean your head forwards to avoid wet clothes.

Important: In connection with all types of injuries, the fluid must get in contact with the eye in a gentle, even flow. Press the bottle gently without squeezing it. Always contact a doctor and continue rinsing the eye during transportation.
The eye cup is shaped after the natural curve of the eye – making it comfortable, hygienic and easy for you if the accident occurs.

Sight is one of our most important senses
The eyesight is crucial in most job functions. Therefore, take care of your eyes. You will get far with care and common sense, but unfortunately, this is not always enough. No one can protect themselves against accidents - but we can all try to prepare ourselves for them. With our eye wash solutions at hand, you have done your best.

A crucial moment
If the accident occurs, a few seconds can determine whether you lose your eyesight or not. Therefore quick accessibility to eye wash is crucial in all workplaces, where the risk of eye injuries exists.

Effective eye wash solutions
Plum Eye Wash is suitable for rinsing away foreign bodies in the eye, and pH Neutral for neutralising acids and alkaline substances in the eyes and on the skin.

Flexible system solutions
A large product portfolio ensures that you get an optimal solution to your exact needs. Small and large stations for mounting on the wall at the workplace. Or small mobile solutions, which can be brought along in the van, the tool box and first aid kit or in the special belt bag.

Sterile and long durability
Unopened the sterile eye wash solutions have a durability of 3 years. There is no cleaning or maintenance. The date of expiry is clearly apparent from the label on the bottle.

Easy and quick to use
Our system is developed in a way which makes it easy and quick for you to rinse your eye. Two simple steps and the bottle is ready for use. A clear user guide with text and pictograms on the bottles and stations helps you through the rinsing in a correct and safe manner.

Correct use is ensured
The ergonomic eye cup ensures an easy and direct rinsing, and that the fluid is led away from your eye during rinsing. The bottles are CE labelled in accordance with the regulations for medical equipment.
pH Neutral
Brings safety to your workplace if working with acids and alkalis!

Acids and alkali can enter the eye as a solid, liquid or gas-like substance. An exploding car battery can lead to serious acid injuries to the eye, and it can get even worse with only a few drops of strong alkali.

The severity of a caustic burn primarily depends on:
- The concentration of the chemical – strong acids and alkalis are extremely corrosive.
- The temperature – a high temperature enhances the corrosive properties of the chemical.
- Time of contact – the longer the time of contact, the deeper the penetration and consequently, higher risk of severe injuries.

A few seconds can be decisive
In the event of accidents involving acids and alkalis, the recommendable thing is to neutralise the chemical as quickly as possible to a pH level about 7.4, which is the normal pH level of the eye fluid. The best effect is obtained before the acid or alkali has penetrated the cornea. The stronger acid or alkali, the longer neutralisation time.

In order to optimise safety, where there is a risk of acid and alkali injuries, the eye wash solution must be:
- Easy to access
- Quick to apply
- Effective

The eye wash fluid must be effective
pH Neutral is a 4.9 % phosphate buffer, which quickly and effectively neutralises even very strong acids and alkaline substances. The liquid consists of phosphate salts, which already exist in the body. The buffer part hydrogen phosphate gets effective against acids, whereas the other buffer part dihydrogen phosphate reacts against alkalis. By using normal water or 0.9 % sodium chloride you only get a dilution and rinsing effect. This means that more eye wash fluid and a longer rinsing time is required.

By means of an in vitro titration test in our laboratory, we have tested the neutralising effect of pH Neutral on strong acids and strong alkalis, respectively, compared with the effect of a standard eye wash fluid of a 0.9 % sodium chloride solution. The test results clearly indicates that pH Neutral is able to bring the pH value of both the acid and the alkali to a neutral and harmless level. Standard types of eye wash dilute the fluid, but only small changes in the pH value is obtained (Figure 1).

The effectiveness of pH Neutral has been confirmed by scientific studies

The recommended use of pH Neutral
pH Neutral is a 2 minute first aid rinsing solution for the eyes or the skin in case of accidents with acids or alkalis. The aim of rinsing with a bottle of pH Neutral is to bring the pH value of the chemical to a harmless level as fast as possible. We recommend to continue rinsing with Plum Eye Wash 0.9 % sodium chloride until you reach a doctor.

Further studies made by external eye specialists conclude that the recommended rinsing time of 2 minutes with pH Neutral is a safe procedure.

2) Professor Dr. med. Schrage N.F., Facharzt für Augenheilkunde an der Augenklinik Merheim, Ostheimer Str. 200 in 51109 Köln, in Kooperation mit dem Aachener Centrum für Technologietransfer in der Ophthalmologie ACTO, Geschäftsstelle Karlstbergweg 9 in 52070 Aachen, Vergleichsergebnisse von pH Neutral an verätzten Augen, Spülversuche an mit NaOH verätzten Kaninchenaugen im Vergleich von Plum pH Neutral mit physiologischer Kochsalzlösung, 24.05.2005

All documentation is available on request.
A quick, immediate and efficient effort is crucial to the extent of the injury in the event of eye injuries involving acids or alkalis. Caustic burns can be very serious, and the caustic burn takes place within a short period of time.

Figure 1: Neutralising effect of pH Neutral and 0.9 % sodium chloride*

![Graph showing the neutralising effect of pH Neutral and 0.9 % sodium chloride.](image)

* A titration test made in laboratory (in vitro) by Plum A/S. The test was made by step wise adding pH Neutral and 0.9 % sodium chloride to a solution containing 1 drop of sulphuric acid + 40 ml water respectively 1 drop of potassium hydroxide + 40 ml water. The change in pH value and the amount of rinsing fluid used were measured.

With great advantage, pH Neutral can also be applied as primary first aid treatment in the event of minor acid or alkali skin burns.

**Tailored to your needs**

pH Neutral comes in a small practical 200 ml bottle, which can easily be placed close to your work station, in the tool box or in the first aid kit etc. Furthermore, pH Neutral comes in a 1,000 ml bottle with a unique showerhead, which ensures that the fluid quickly can be spread on a large part of the body, if necessary. Both bottles have a rinsing time of 2 minutes.

**A few simple steps and you are ready to rinse your eyes**

- Turn the eye cup in the direction of the arrow until the sealing breaks.
- Lean your head backwards and rinse
- Rinse the affected body parts thoroughly until the bottle is empty.
Several eye accidents involve both eyes. Yet you have until now not been able to get a mobile eye wash that can rinse both eyes simultaneously. In cases of serious accidents you have therefore had to ask yourself the unreasonable question: Which eye would you save? You do not need to anymore. Therefore Plum Duo is in many cases a necessary complement to your current eye wash system. You can get Plum Duo both as pH Neutral and Plum Eye Wash with 0.9% sodium chloride.

We are born with two eyes - with Duo you can rinse them both at the same time

Do not waste valuable time if both eyes are affected in the accident.

With Duo you can rinse both eyes simultaneously with a gentle and even flow.

The shape of the eye cup helps you keep the eyes open during rinsing.
This is how you prevent eye injuries

When the accident occurs, it is important to rinse the eye effectively and as fast as possible to prevent or limit the injury. Our product portfolio is so broad, that it enables you to find the exact eye wash solution, which covers the risk at your workplace. In the first aid plan below, you get information about how to rinse the eye in the event of different types of accidents. The plan can be ordered separately or downloaded on www.plum.eu.

First aid plan in the event of eye injuries

<table>
<thead>
<tr>
<th>DAMAGING SUBSTANCE</th>
<th>EYE WASH</th>
<th>CONTINUOUS RINSING</th>
<th>RINSING TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign bodies</td>
<td>Plum Eye Wash</td>
<td>Plum Eye Wash</td>
<td>Rinse until the foreign body has been rinsed out</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acid injuries</td>
<td>pH Neutral</td>
<td>Plum Eye Wash</td>
<td>Rinse 2 minutes with pH Neutral until the bottle is empty and continue rinsing with Plum Eye Wash until you reach a doctor.</td>
</tr>
<tr>
<td>Alkali injuries</td>
<td>pH Neutral</td>
<td>Plum Eye Wash</td>
<td>Rinse 2 minutes with pH Neutral until the bottle is empty and continue rinsing with Plum Eye Wash until you reach a doctor.</td>
</tr>
<tr>
<td>Other injuries</td>
<td>Plum Eye Wash</td>
<td>Plum Eye Wash</td>
<td>Rinse until the discomfort disappears and continue rinsing with Plum Eye Wash until you reach a doctor.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Injuries on the skin</td>
<td>pH Neutral</td>
<td>Plum Eye Wash</td>
<td>Rinse 2 minutes with pH Neutral until the bottle is empty and continue rinsing with Plum Eye Wash until you reach a doctor.</td>
</tr>
</tbody>
</table>

Important! The eye wash fluid must come in contact with the eye in a gentle, even flow. Press the bottle gently without squeezing it.

Acid or alkaline accidents
In connection with injuries involving acids and alkalis, the caustic burn starts as soon as the damaging substance comes in contact with the eye. For such injuries, we recommend pH Neutral.

Mechanical injuries
Time is also important in connection with mechanical injuries caused by for instance metal and wooden splinters, dust and other types of dirt. In this case immediate rinsing can prevent the foreign bodies from sticking to the eye, thereby avoiding severe eye injuries. Here Plum Eye Wash will be the optimal choice.

Find the combination, which suits you best
Our product portfolio covers different types of eye wash for different types of injuries and different amounts of eye wash depending on use. You can hand-pick the products and put together a programme, which is completely consistent with the needs and risks at your specific workplace.
Rinsing solutions for foreign bodies

200 ml Plum Eye Wash
A small and handy bottle with a 0.9% sterile sodium chloride solution. The bottle is easy to bring along in the specially designed belt bag, in the tool box and similar places.

Rinsing time: c 2 min.
Art. No.: 4691
Packaging: 10 x 200 ml

500 ml Plum Eye Wash
Bottle with a 0.9% sterile sodium chloride solution. The bottle is usable for rinsing stations or alone.

Rinsing time: c 5 min.
Art. No.: 4604
Packaging: 12 x 500 ml

1.000 ml Plum Eye Wash
Bottle with a 0.9% sterile sodium chloride solution. The bottle is usable alone or for refilling stations or alone.

Rinsing time: c 10 min.
Art. No.: 4707
Packaging: 6 x 1.000 ml

1000 ml Plum Eye Wash Duo
Sterile 0.9% Sodium chloride solution. For injuries with foreign bodies like dust, dirt, etc. Complete with an eye device for rinsing both eyes at the same time. Also for refilling of the Duo Eye Wash stations.

Rinsing time: c 5 min.
Art. No.: 4800
Packaging: 6 x 1.000 ml

Plum Eye Wash station with 1 bottle
Wall station with 1 x 500 ml Plum Eye Wash and removable pictogram. Particularly suitable for places where immediate eye wash is needed, for small workplaces - and for mobile workplaces.

Rinsing time: c 5 min.
Art. No.: 4611
Packaging: 1 unit

Plum Eye Wash Station Duo
Wall mounted station containing 1 x 1000 ml Plum Eye Wash Duo bottle, wall mounting device, pictogram and mirror. Especially for general eye washing at smaller workplaces.

Rinsing time: c 5 min.
Art. No.: 4802
Packaging: 1 unit

Plum Eye Wash Station with 2 bottles
A quick eye wash solution, which is easy to install near the workplace. The station is equipped with a mirror and a comprehensible user guide to ensure a quick and correct eye wash in the event of accidents. Not suitable for dirty and dusty workplaces.

Rinsing time: c 10 min.
Art. No.: 4694
Packaging: 1 unit

Plum Eye Wash Station with 2 bottles Maxi
Wall station with 2 x 1000 ml Plum Eye Wash, wall holders, removable pictogram and mirror. The station provides a total rinsing time of c 20 min. and is suitable for workplaces, where longer rinsing time is necessary and the risk of eye injuries great.

Rinsing time: c 20 min.
Art. No.: 4708
Packaging: 1 unit

Plum Eye Wash Station with 2 bottles
Wall mounted station containing 1 x 1000 ml Plum Eye Wash Duo bottle, wall mounting device, pictogram and mirror. Especially suitable for very dusty and dirty production areas - and for mobile workplaces.

Rinsing time: c 10 min.
Art. No.: 4650
Packaging: 1 unit

Plum Eye Wash box Duo
Dust-proof wall station containing 2 x 1000 ml Plum Eye Wash Duo, pictogram on the front side and a mirror inside the lid. Especially suitable for dirty and dusty production areas and mobile workplaces.

Rinsing time: c 10 min.
Art. No.: 4816
Packaging: 1 unit

All eye wash bottles are CE labelled and have a durability of 3 years!
Rinsing solutions for acids and alkalis

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>200 ml pH Neutral</strong></td>
<td>A small and handy bottle with 4.9% sterile phosphate buffer for a fast neutralisation of acids and alkalis. The bottle is easy to bring along in the specially designed belt bag, in the tool box and similar places. It can also be fitted in a wall holder.</td>
</tr>
<tr>
<td><strong>500 ml pH Neutral Duo</strong></td>
<td>Sterile 4.9% Phosphate buffer solution. For neutralising acids and alkalis. Complete with an eye device for washing both eyes at the same time. Also for filling of the Dust eye wash station.</td>
</tr>
<tr>
<td><strong>1.000 ml pH Neutral Emergency shower</strong></td>
<td>A 1.000 ml bottle with 4.9% sterile phosphate buffer for a fast neutralisation of acids and alkalis on the skin. The bottle is equipped with a unique showerhead, which ensures that the fluid quickly is spread evenly over a large body surface. It can be near your work station, in the tool box or brought along in the car.</td>
</tr>
</tbody>
</table>

### pH Neutral Emergency shower station

- **1.000 ml pH Neutral**, wall station and removable pictogram. Can be mounted close to your work station and does not rely on water installation.
- An obvious addition for fixed emergency showers and very suitable for the primary first aid on the scene of the accident.

### Station with pH Neutral and Plum Eye Wash

- An open station with 200 ml pH Neutral and 500 ml Plum Eye Wash. Especially suitable for workplaces where there is a risk of eye injuries from acids or alkalis. The station is equipped with a mirror and clear instructions for use. Not suitable for very dusty and dirty workplaces.

### Dust-proof wall station

- Made in shock-proof polystyrene containing 200 ml pH Neutral and 500 ml Plum Eye Wash. Especially suitable in places where there is a risk of eye injuries involving acids or alkalis. Is equipped with a pictogram on the front side and a mirror inside the lid. Is also available with a heating element.

### Wall mounted station

- Containing 500 ml pH Neutral Duo and 1.000 ml Plum Eye Wash Duo, wall mounting device, pictogram and mirror. Especially suitable in places where there is a risk of eye injuries involving acids and alkalis.

### Belt bag for 200 ml bottles

- A practical bag, which can be placed on the belt, working clothes or similar places. It is easy to open. If the accident occurs and provides safety and hygienic protection for the bottle.

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All eye wash bottles are CE labelled and have a durability of 3 years!
Do not waste time on minor injuries

It is good to have a first aid kit when the accident really occurs, but each day lots of minor accidents occur in the country’s workplaces. Most of them only require a plaster, and then you are quickly back to work. With QuickFix you systematize the first aid for these minor injuries, enabling you to solve the problem for the injured quickly and not waste more time on the injuries than absolutely necessary. Furthermore, the system is hygienic. Easy to use. Always at hand. Quickly put on - and then back to work.

This unique dispenser is the backbone of the system:
- Provides immediate access to plasters
- Solves most accidents quickly, easily and hygienically
- Can be used with one hand
- Can be filled with different types of plasters according to need
- Easy to see when its empty
- Easy to stop the bleeding, also without staining the other plasters with blood
- Small dimensions make it easy to install
- Contains a shelf for storing relevant small things
- Each plaster is packed individually
- Can be locked

The QuickFix dispenser is only 23 cm wide and 13.5 cm high. It contains 90 plasters despite the modest size. In this way it is easy to find a place for the plasters right there where they are most needed.

The practical refills can also be used in the first aid kit, the glove compartment and other places, where a mobile solution is practical.
Quickly back to work

Pull the plaster from the dispenser
The plaster is ready for use right away
You can put the plaster on with one hand

Always at hand

With the new QuickFix Mini, you can kiss the time consuming and often difficult search for a plaster goodbye. The small and practical packaging can be placed in the glove compartment, in the tool box, brought along in the car, in the bag, in the jacket, first aid kit etc. Then you are always ready, when you meet life’s small surprises.
QuickFix Mini contains 30 Elastic plasters.

Art. No. 5504
Packaging: 30 x 30 units.
Minor injuries are unavoidable, they are almost a natural consequence of getting something done. On the other hand, they can develop into larger injuries if they get infected. But you can easily avoid this.

Infections are costly
The result of an infection even in a small cut can for instance be a sore finger, which at worst means daily irritation and discomfort when working. A far too big expense considering the small injury. Therefore, make sure to cleanse wounds and cuts – no matter how harmless they seem.

Good wound hygiene begins with accessibility
In the end, good wound hygiene is about accessibility. Water is not always available when you need to cleanse a wound. With QuickClean it is always possible for you to cleanse wounds and cuts right away. Quickly and hygienically. The wall hanger can be installed directly at the workplace, so you and your colleagues always have wound cleansing within easy reach when the accident occurs.

Let QuickClean do the job
Even minor wounds and cuts must be cleansed before you put on a plaster. If dirt has entered the wound, it takes longer time to heal. With QuickClean you always have a clean and moist wipe at hand.

QuickClean Wound Cleanser with wall hanger
Wall hanger containing 40 wipes for wound cleansing to place as close to the workplace as possible. Each wipe is packed separately and contains sterile water. Wipe dimensions: 130 x 200 mm. The wipe is CE labelled.

Art. No.: 5550
Packaging: 6 x 40 units

QuickClean Wound Cleanser
Box containing 40 wipes for wound cleaning. Each wipe is packed separately and contains sterile water. Can be used alone or as a refill box for the wall hanger. Wipe measurements: 130 x 200 mm. The wipe is CE labelled.

Art. No.: 5551
Packaging: 11 x 40 units
Systematize first aid
We have gathered the most necessary products in a first aid station. You can mount it in relevant places in the working areas, where it is most needed.

Your needs are the starting point
The first aid station consists of 500 ml Plum Eye Wash, a QuickFix plaster dispenser containing 45 Elastic and 45 Water Resistant plasters and a QuickClean containing 40 sterile wipes for wound cleansing. In the same station, you can consequently cover the need for eye wash and cleansing and treatment of small wounds and cuts. It ensures quick and easy first aid, which creates safety for you and your colleagues.

In the end, first aid is about knowing exactly where you can find the needed help – as quickly as possible after the accident has occurred.

Easy access to first aid

Eye wash which is always easy to get hold of
A mirror makes it easier to examine the extent of the damage and rinse purposefully
In this way the plasters are easy to get hold of – even with one hand
Wound cleansing is important for hygiene

Measurements: 515 mm x 300 mm
Art. no. 5101
Make your workplace safe
with a first aid solution customised to your needs

Learn more on www.plum.eu