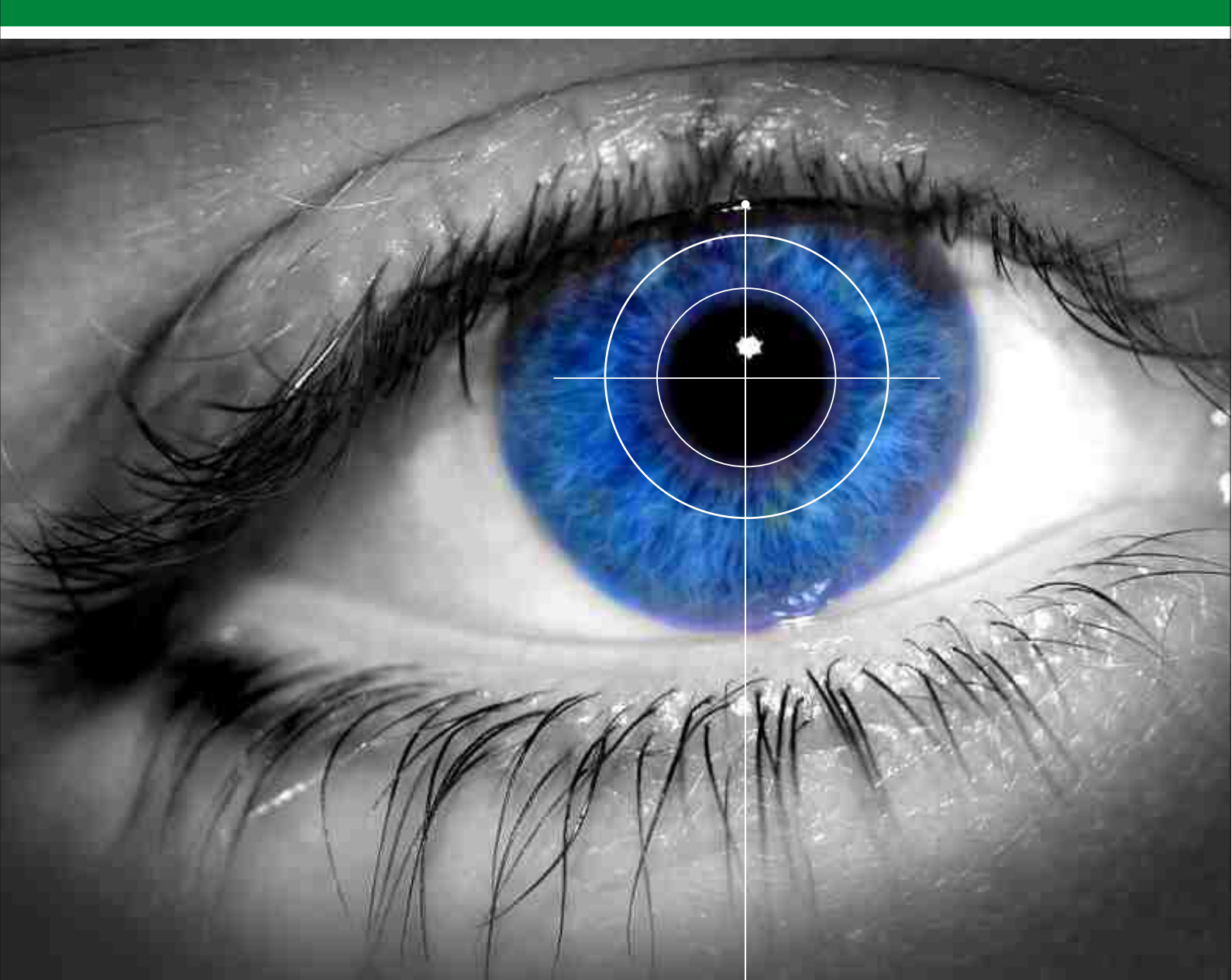


PLUM



optimal safety and security at the workplace

Neutralizes acids and alkalis

up to 50 times more effectively than ordinary water

After accidents involving acids and alkalis it is vital to neutralize the fluid in the eye as fast as possible to the normal pH-level of 7.4. The stronger the acid or alkali, the longer it takes. For optimal safety where there is a risk of injury from acids or alkalis the rinsing solution facilities must be:

- Instantly accessible
- Quick to apply
- Effective without causing further injury

With pH Neutral you can have optimal safety and security at the workplace

pH Neutral is a powerful 4.9% phosphate buffer that rapidly and effectively neutralizes even very concentrated acids and alkalis, unlike water, which simply dilutes it. Often, up to 50 times as much water must be used to neutralize an acid or alkali. The liquid comprises phosphate salts that are already present in the human body.

pH Neutral is of course CE-labelled in accordance with the regulations for medical equipment, and is sterile so that no bacteria is transferred to the eye or what may be an open sore. pH Neutral is supplied in a handy 200 ml bottle, which can easily be kept close to the workplace, in a toolbox and in the first-aid box. It is also possible to carry it ready at all times in a belt bag, which is easy to open instantly if an accident occurs. The bottle is equipped with clear instructions for use and the ergonomic eyecup ensures correct rinsing directly into the eye. pH Neutral is also available in a 1 litre bottle. The bottle is equipped with a special spray nozzle to ensure that the liquid can be distributed rapidly and evenly over a large area of the body.

The bottle is also constructed for rapid use. The 1 litre pH Neutral can be mounted on a wall holder close to the workplace and is independent of a water supply. It can also be placed on a work bench, in a toolbox, installed in a vehicle, or in a service van. The 1 litre pH Neutral is an obvious solution in places where there is no water supply. But also an excellent supplement to fixed emergency showers. pH Neutral is ideal for primary first aid at the scene of an accident before further rinsing in a fixed emergency shower.

pH Neutral offers safety and security at the workplace at an insignificant cost – if an accident should occur!

A few, simple actions and you are ready to rinse!



Turn the spray nozzle in the direction of the arrow until the seal breaks



Lean your head back and rinse



Rinse the affected area thoroughly until the bottle is empty

Acid injuries:

Rinse the eye for about 2 minutes with pH Neutral and continue rinsing with Plum Eye Wash until the pain subsides or until a doctor is reached. On the body: rinse the affected area thoroughly until the bottle is empty.

Alkaline injuries:

Rinse the eye for about 2 minutes with pH Neutral and continue rinsing with Plum Eye Wash until the pain subsides or until a doctor is reached. On the body: rinse the affected area thoroughly until the bottle is empty.

Other chemical injuries:

Rinse with Plum Eye Wash until the pain subsides or until a doctor is reached. pH Neutral may also be used. On the body: rinse the affected area thoroughly until the bottle is empty.

Mechanical injuries (dust, dirt, metal or wood splinters etc.)

:Rinse with Plum Eye Wash until the foreign object has been rinsed out. pH Neutral may also be used.

IMPORTANT: Always contact a doctor in connection with injuries involving concentrated acids and alkalis.



200 ml pH Neutral for eyes Rinsing time: approximately two minutes Shelf-life: three years Product no. 4752



1 litre pH Neutral for eyes and body Rinsing time: approximately two minutes Shelf-life: three years Product no. 4746



Station with 1 litre pH Neutral Fixture for wall-mounting and a sign with instructions for use. Product no. 4741



Product no. 4692



Documentation

for safety and effectiveness

Concentrated acids and alkalis are caustic and can penetrate the eye or the skin in a very short time. Rapid neutralization is an effective means of arresting the harmful effects of these substances and thereby limiting the extent of the injury.

The eye rinsing solution must be effective

Strong alkaline or acid solutions can penetrate the cornea within short time. Quick neutralization is therefore crucial. With the help of titration analysis in the laboratory we have tested the effect of pH Neutral on both strong acids and strong alkalis compared with the effect of a normal eye rinsing solution of 0.9% sodium chloride.

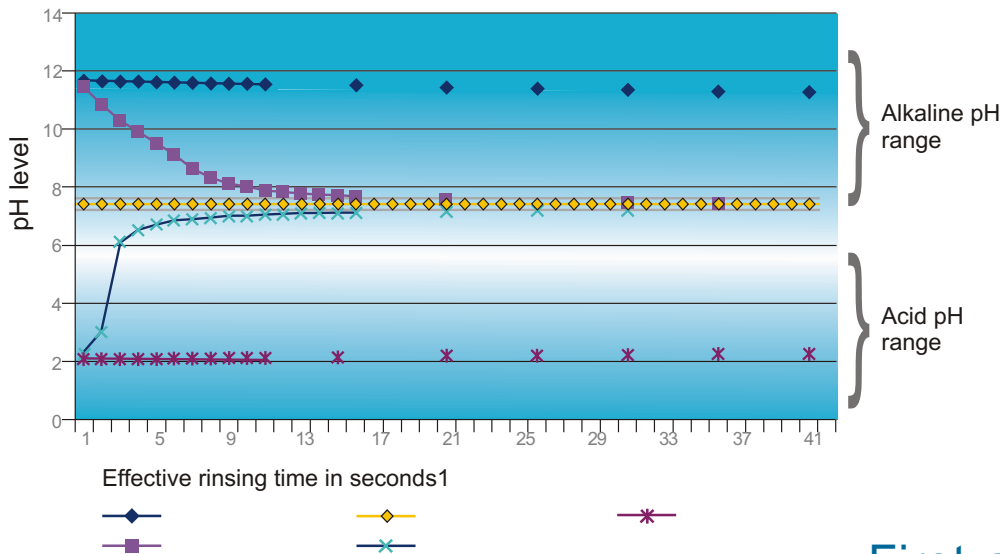
The test results clearly show that pH Neutral has neutralized both acids and alkalis to a harmless level in no more than 20 seconds (see Fig. 1). Normal eye rinsing solution dilutes the chemical, but only minor changes in pH value are achieved within 45 seconds¹.

The effect of pH Neutral has also been tested in a model considering the situation that the chemical penetrates cornea². The results of this test also show that pH Neutral has a superior neutralizing effect, which is decisive in limiting the extent of injury from accidents with acids or alkalis.

The recommended use of pH Neutral is a safe procedure

In tests performed by medical experts we have documented that the recommended use of pH Neutral as initial first aid by eye accidents with acids or alkalis does not cause any further injuries or inconveniences. Documentation is available on rinsing healthy eyes³ as well as rinsing injured eyes⁴. pH Neutral is in any way an eye rinsing solution that brings safety and confidence to your work place if there is a risk of eye accidents with acids or alkalis.

Fig. 1: Neutralization of strong alkalis and strong acids.



- 1: The results are based on the assumption that the rinsing solution has a flow of 100 ml per minute.
- 2: Schrage NF, Vergleichsergebnisse von pH Neutral an verätzten Augen, Raport, 2005.
- 3: Corydon L, Høgsbro M, Cheeseman J, Jacobsen ME. Clinical Trial of Eye Irrigation with Buffer Solution. Clinical investigation report. Vejle Sygehus, 2003.
- 4: Damgaard AL, Hovendal MP, Scøder MP, Saxtorph H, Bollen P. First aid treatment of alkali eye burns with phpsphate buffer does not cause corneal calcifications. Poster, EAPCCT XXIX International Congress in Stockholm, 2009.

First-aid plan Eye injuries

SUBSTANCE	EYEWASH	CONTINUOUS RINSING	RINSING TIME
Foreign bodies Dust, dirt, metal and wood chips Etc.	Plum Eye Wash	Plum Eye Wash	Rinse until the foreign body has been rinsed out.
Acids	pH Neutral	Plum Eye Wash	Rinse for approximately two minutes with pH Neutral and continue rinsing with Plum Eye wash until the inconvenience disappears or until you reach a doctor.
Alkalis	pH Neutral	Plum Eye Wash	Rinse for approximately two minutes with pH Neutral and continue rinsing with Plum Eye Wash until you reach a doctor.
Other chemicals	Plum Eye Wash or pH Neutral	Plum Eye Wash	Rinse until the inconvenience disappears or until you reach a doctor.
Chemicals on your skin	pH Neutral	Plum Eye Wash	Continue rinsing until the inconvenience disappears.



Rinsing solutions for foreign bodies



500 ml Plum Eye Wash

Bottle containing a 0.9% sterile sodium chloride solution. Complete with an ergonomic eye cup, a dust cap and clear instructions. For refilling stations or for use alone. Durability: 3 years.

The bottle is CE-labelled.

Rinsing time: Approx. 5 min. Art. No. 4604
Packaging: 12 x 500 ml Art. No. 4613
Packaging: 3 x 500 ml



200 ml Plum Eye Wash

A small, handy bottle containing a 0.9% sterile sodium chloride solution. The bottle is easy to take with you in the specially-designed belt bag, the first-aid box, or the toolbox etc. Complete with an ergonomic eye cup, a dust cap and clear instructions. Durability: 3 years.

The bottle is CE-labelled.

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

Plum Eye Wash Station with one bottle



Wall-mounted station containing 1 x 500 ml Plum Eye Wash complete with pictogram. Especially suitable for workplaces where on-the-spot rinsing is required, smaller workplaces, and mobile workplaces.

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

Plum Eye Wash Station with two bottles



A convenient eye wash station that can be easily installed close to the workplace. The station is equipped with a mirror and clear instructions to ensure rapid, correct rinsing in the event of an accident. Not suitable for very dusty and dirty workplaces.

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

Plum Eye Wash Station with two bottles



A dust-proof wall station containing 2 x 500 ml Plum Eye Wash. Especially suitable for production areas where there is a great deal of dirt and dust – and for mobile workplaces. The station is equipped with a pictogram at the front and a mirror inside the lid. Also available with heating element for 12 or 24 V power supply.

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

Belt bag for 200 ml bottles



A practical bag for attaching to a belt, overalls, etc. Easy to open if an accident occurs and provides safe, hygienic protection of the bottle.

Art. No. 4692
Packaging: 10 units



Rinsing solutions for acids and alkalis



200 ml pH Neutral

A small, handy bottle containing 4.9% sterile phosphate buffer solution, that neutralizes the eye's fluid after accidents involving acids and alkalis. The bottle is easy to take with you in the specially-designed belt bag, the first aid box, the toolbox etc. A wall mounting device is also available. The bottle is provided with an ergonomic eye cup, a dust cap and clear instructions. Durability: 3 years.

The bottle is CE-labelled.

Rinsing time: Approx. 2 min. Art. No. 4752
Packaging: 10 x 200 ml



1 litre pH Neutral Emergency Shower

Bottle containing 4.9% sterile phosphate buffer solution that neutralizes even very concentrated acids and alkalis. Up to 50 times more effective than ordinary water. The bottle is equipped with a special spray nozzle to ensure that the liquid can be distributed rapidly and evenly over a large area of the body. Suitable for refill in the Emergency Shower Station, placed on a work bench, in a toolbox, installed in a service van etc.

The bottle is CE-labelled.

Rinsing time: Approx. 2 min. Art. No. 4741
Packaging: 1 unit

Plum Emergency Eye Wash Station



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.

Rinsing time: Approx. 7 min. Art. No. 4773
Packaging: 1 unit

1 litre pH Neutral Emergency Shower



Wall-mounted station containing 1 litre pH Neutral and pictogram. Suitable for mounting close to any workplace. Also an excellent supplement to fixed emergency showers.

Rinsing time: Approx. 2 min. Art. No. 4746
Packaging: 6 x 1 litre

Plum Emergency Eye Wash Station



A dust-proof wall station containing 200 ml pH Neutral and 500 ml Plum Eye Wash. For optimal safety where there is a risk of eye injuries from acids or alkalis. The station is equipped with a pictogram at the front and a mirror inside the lid. Also available with heating element for 12 or 24 V power supply.

Rinsing time: Approx. 2 min. for pH Neutral
5 min. for Plum Eye Wash
Art. No. 4787
Packaging: 1 unit



Lean your head backwards and rinse.



Twist the lid until the sealing breaks.



Hand-held Eye Showers

ClassicLine eye showers

- Hand-held eye shower with one or two-performance spray heads
- Numerous mounting and hose variations are possible
- Water-bearing parts made of brass and plastics in accordance with the requirements of the Drinking Water Ordinances



PUSH OPERATED EYEWASH UNIT

MODEL	SD 151 100*
FLOW RATE l/min @ 300 kPa	15
NOZZLE TYPE	TWIN AERATOR NOZZLE
No. OF NOZZLES	TWO
FLOOR AREA REQUIRED (mm)	400 x 400
HEIGHT (mm)	300
MASS (kg)	4

Hand-held eye shower with one spray head, universally wall or table mounted

Water inlet: 1/2" female
Height: 250 mm
Hose length: 1500 mm

Hand-held eye shower with two spray heads 45°, universally wall or table mounted

Water inlet: 1/2" female
Height: 300 mm
Hose length: 1500 mm

Hand-held eye shower with one spray head, spiral hose, wall mounted

Water inlet: 1/2" female
Height: 250 mm
Hose mounting: 90°-connection

Hand-held eye shower with two spray heads 45°, spiral hose, wall mounted

Water inlet: 1/2" female
Height: 300 mm
Hose mounting: 90°-connection
Hose length: 1500 mm





Eye Wash Stations

PUSH

Self Contained Or Portable Units

- Self contained or portable units, shall be regarded as supplemental to the fully plumbed units, and must be supported by fully plumbed units.
- Self contained or portable units are to be filled with a potable, preserved

WALL MOUNTED EYEWASH STATION

MODEL	EW 000 S
FLOW RATE l/min @ 300 kPa	15
NOZZLE TYPE	TWIN AERATOR NOZZLE
No. OF NOZZLES	TWO
FLOOR AREA REQUIRED (mm)	300 x 300
HEIGHT (mm)	400
MASS (kg)	5



PORTABLE EYEWASH UNIT

MODEL	HEW 019 SH
FLOW RATE l/min @ 300 kPa	12
NOZZLE TYPE	TWIN AERATOR MODULE
No. OF NOZZLES	TWO
FLOOR AREA REQUIRED (mm)	350 x 300
HEIGHT (mm)	1050
MASS (kg)	20



PUSH OPERATED EYEWASH UNIT

MODEL	EW 111 SH
FLOW RATE l/min @ 300 kPa	15
NOZZLE TYPE	AERATOR NOZZLE
No. OF NOZZLES	2
FLOOR AREA REQUIRED (mm)	400 x 600
HEIGHT (mm)	980
MASS (kg)	8

PUSH



FREE STRANDING EYEWASH STATION

MODEL	EW 111 S
FLOW RATE l/min @ 300 kPa	15
NOZZLE TYPE	AERATOR NOZZLE
No. OF NOZZLES	TWO
FLOOR AREA REQUIRED (mm)	400 x 600
HEIGHT (mm)	980
	10





Always close at hand for Life's small surprises

Quick Fix makes it possible for you to systematize first aid as you can rapidly solve the problem of minor injuries and need spend no more time on them than necessary. And the system is hygienic, simple, and always at hand. Apply a plaster and back to work.



Water resistant

Water-resistant plasters especially suitable for damp workplaces. The plasters are made of a protective, skin-friendly PE material that allows the skin to breathe.

Quick Fix plaster dispenser, including two water-resistant plaster refills



First Aid Station

- 1 x PLUM 500ml eyewash bottle
- 1 x PLUM QuickFix Plaster
- 1 x PLUM QuickClean Swap
- 1 x Mirror
- 1 x Signs



A DIVISION
FOR SPRAYING SYSTEMS



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