

Eye Washing Bottles



The eyewash bottles at the institute are typically located in the laboratory or in their immediate vicinity here at IFA.

It is a good idea to familiarize yourself with where the eyewash bottles are located here at the institute, so that you know where you can quickly get one or more bottles if an eye injury occurs.

All eyewash bottles contain sterile, isotonic sodium chloride solution with a concentration of 0.9% and a pH value close to the natural pH of the eye.

The bottles are intended for single use only, and therefore the bottle must be replaced if it has been broken.

All eyewash bottles are date-marked from the factory and have a shelf life of 3 years after manufacture.

If you come across bottles with an expiration date that is about to expire or has already expired, contact the occupational health and safety organization.

If you have injured your eyes:

Time is important, when it comes to eye injuries.

The faster you react and start rinsing, the better the damage can be limited.

For example, damage occurs immediately if the eye is exposed to acid or alkaline.

Therefore, it is a good idea to have access to eyewash bottles immediately near areas where chemicals are being worked on.

The rinsing time is also very important.

See the table below for

recommendations on how long rinsing should be carried out, depending on the type of eye injury.



If the rinsing does not last long enough, there may be a risk of damage to the cornea of the eye.

REMEMBER it is important to remove contact lenses before rinsing.

Recommended rinsing times		
Skadetype	Skylning påbegyndes	Skylletid
Mechanical injuries – Dust and dirt	As soon as possible	About 1-3 min., or until everything is gone
Organic solvents	As soon as possible	About 3 min.
Acid damage	Within 5 sec.	About 2-5 min., thereafter doctor
Alkaline damage	Within 1 sec.	10-20 min., continue during transport to a doctor

Application:

It is important to always follow the instructions on the bottle on how to open and use it!

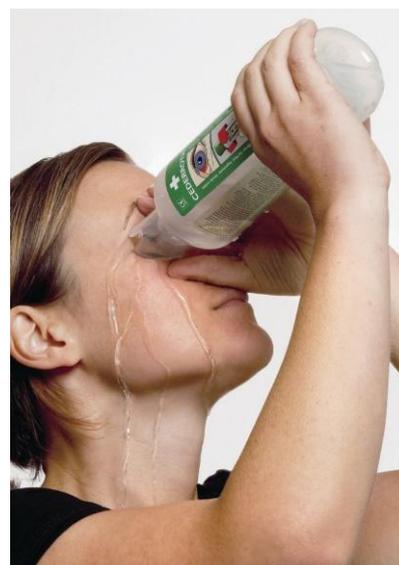
REMEMBER to remove contact lenses before rinsing.

Try to keep your eye open and hit as much of the eye as possible with the liquid jet. It may be necessary to open the eyelids with the other hand to hit the eye as best as possible.

Move the eye back and forth during rinsing to rinse all parts of the eye.

Occasionally interrupt the rinsing to blink and move the eye, after which the rinsing is continued.

If necessary, regulate the liquid jet by pressing the air valve with your finger.



Make sure to maintain an even and stable pressure on the bottle, call for help if necessary and always seek medical attention in the event of chemical accidents.

If you have any questions, you are always welcome to contact the Danish Occupational Health and Safety Organization.