

pH Neutral - Product Information

Description

pH Neutral is a 2 minutes first aid rinsing solution for the eyes in case of accidents with acids or alkaline substances. The bottles are equipped with an ergonomic eye cup to ensure that the liquid can be applied correctly and in an even flow. Squeeze the bottle lightly while rinsing. The DUO bottles are equipped with a special eye device that allows rinsing of both eyes at the same time. Our eye wash bottles are medical devices according to EU directive 93/42/EEC. A safety data sheet is available.



Range of application

The aim of rinsing with this 4.9 % phosphate buffer is to neutralize the pH value of the chemical to a harmless level as fast as possible. By using normal water or 0.9 % sodium chloride solution you only get a dilution and rinsing effect (see figure 1 below). Further studies on the effectiveness of pH Neutral are available on request. After using pH Neutral we recommend to continue rinsing with Plum Eyewash 0.9 % sodium chloride until you reach a doctor. Note: Seek medical advice for all eye injuries!

IMPORTANT

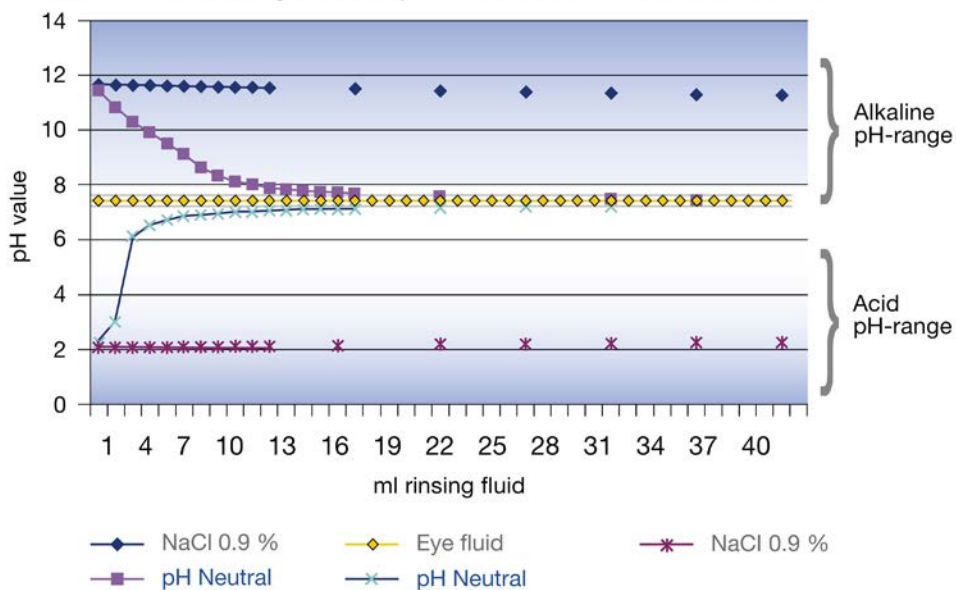
Reservation is made for hydrofluoric acid, which is toxic and highly corrosive to skin and bones.

pH Neutral and Plum Eyewash may neutralize and rinse, but not limit the corrosive effect, and therefore they are not recommended as first aid in connection with eye accidents involving hydrofluoric acid.

RECOMMENDED USE OF PH NEUTRAL

pH Neutral is a two minutes eyewash solution for accidents involving acids and alkali. Rinse with pH Neutral in order to reduce the pH value of the harmful substance to a harmless level as quickly as possible. Then continue rinsing with Plum Eyewash 0.9% sodium chloride until you reach a doctor or the emergency room.

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



* 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.

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Your benefits:

- High functional reliability - bottles are manufactured according to EN 15154-4
- Flexible solutions - bottles in different sizes for mobile use and stations for mounting on the wall at the workplace
- Wide field of application (e.g. industry, laboratories, first aid kits, mobile use in vans, pockets etc.)
- Easy to handle - can be applied by the injured person without assistance
- Long shelf life of 3 years for sealed bottles
- No maintenance or replacement of the liquid required (as with ordinary water)

How to use the bottle:



Remove the bottle from the station



Twist the lid until the sealing breaks



Lean your head backwards and rinse



Or lean your head forward to avoid wet clothes

Instructions for handling:

Product for single use. Do not use after expiry date (see the label). The sealing of the bottle must be intact to ensure safe rinsing. Once the sealing is broken there is a risk of infection if reused!

Bottle sizes:

Content	200 ml	500 ml DUO	1000 ml
Art. no.	4752	4801	4746
Rinsing time	ca. 2 Min.	ca. 2 Min.	ca. 2 Min.
Dimensions	H 165 x ø 55 mm	H 220 x ø 75 mm	H 270 x ø 85 mm