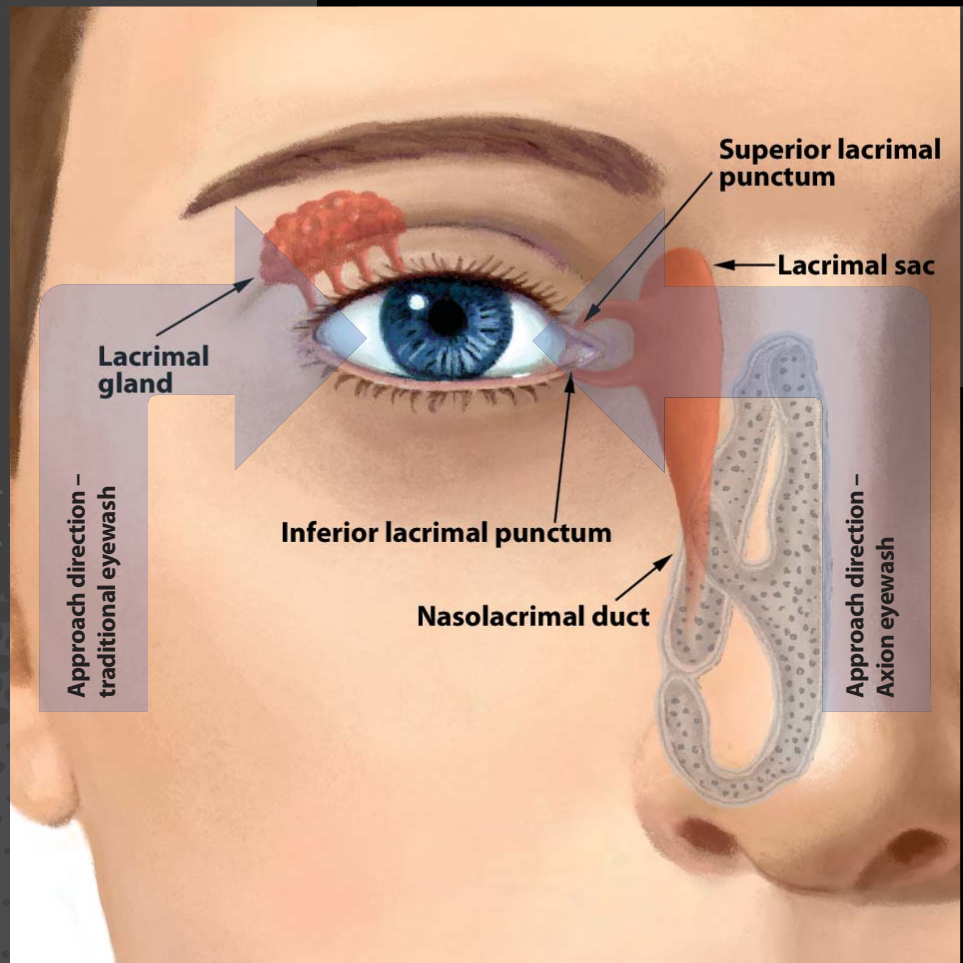


Protection for the Human Eye – The Lacrimal System

The human eye is equipped with an automatic lubricating and cleansing mechanism, called the lacrimal system. It consists of the lacrimal gland, which produces tears, the ducts that channel tears from the lacrimal gland to the ocular surface, and the lacrimal punctum – a drain which channels excess fluids away from the ocular surface. *Importantly, the lacrimal punctum drains excess fluids directly into the nasal cavity.*

This process is the reason why your nose runs when you cry.

If, for example, a chemical is introduced into the eye, nature's own cleansing mechanism can serve to force the contaminant into the nasal cavity, where it can be breathed into the lungs or swallowed. The ideal approach in chemical or particulate injuries is to sweep contaminants away from the lacrimal punctum!



axion™

msr

Introducing Axion™ MSR by Haws, the first and only eyewash and eye/face wash specifically designed to operate in concert with standard healthcare protocols and the natural function of the human eye.

In addition to the Axion MSR medical innovations, this exciting new patent-pending product has a number of features that set it apart from any other eyewash on the market:

- ***Inverted eyewash and eye/face wash streams***
Axion eyewash streams are inverted compared with the traditional eyewash. Axion streams contact the eyes at the inner canthus or corner, adjacent to the bridge of the nose. Contaminants are then swept to the outer edge of the eye, where gravity takes over and runs them into the eyewash bowl.
- ***Laminar flow eyewash streams for greater stream consistency***
Another first is the use of laminar flow engineering in the eyewash streams. In simple terms, a laminar flow is one in which there is an absence of turbulence, because the stream is “built” in layers. The result? An even, comfortable, predictable stream height and circumference.
- ***Zero vertical velocity engineering for maximum victim comfort***
Next, because Axion eyewash streams are almost vertically oriented, they “stall” at a prescribed height. When the stream exhausts its vertical velocity, it softly turns outward and begins to fall off horizontally. This action causes a slight puddling of the flow in midair before it returns to the eyewash bowl. It occurs directly at the optimal contact point with the eye, making for a more pleasant and effective irrigation experience.
- ***SANIGUARD® antimicrobial impregnated components for utmost security***
Axion MSR also features NSF-approved SANIGUARD® antimicrobial protection, equipped to inhibit the growth of bacteria, mold and mildew on treated surfaces.



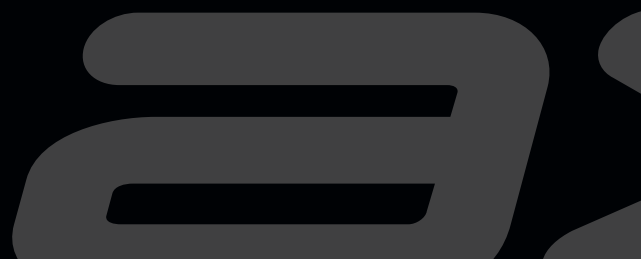
The medical profession teaches and practices irrigating eyes by introducing flushing fluid at the inner corner of the eye – adjacent to the nose – letting it run across the eye to the outer edge. This is specifically done to avoid driving contaminants into the lacrimal punctum and the nasal cavity. The accepted medical practice is counter to the way that traditional eyewashes operate and can result in further injury to the splash or blown-particulate injured victim. Axion MSR is the only eyewash product that duplicates the methodology used by and recommended by healthcare professionals.

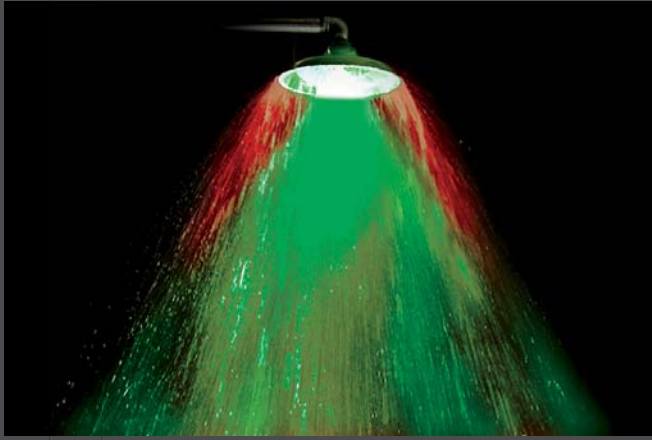
Advancing the Science of First Response

Harmonizing the commercial and industrial first response paradigm with the accepted medical approach is a major step forward in the proper treatment of on-site injuries. Even in incidents minor enough to not require follow-on medical attention, the risk of complicating the injury by moving contaminants into the nasal cavity should be avoided!

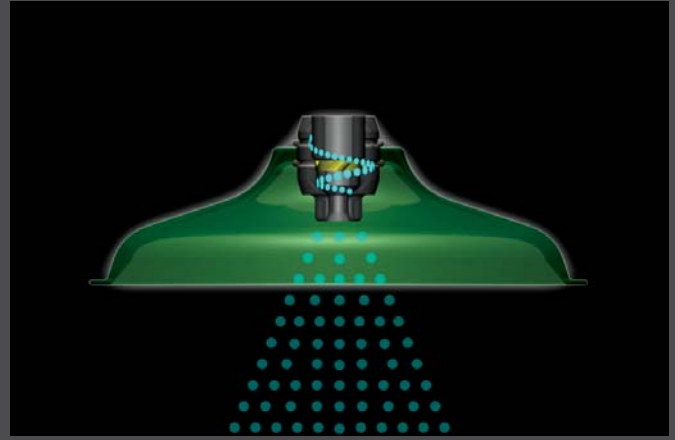
Axion MSR products are available in the most popular configurations: combination showers, as well as wall-mounted and pedestal eyewashes. And, specifiers will be glad to know that the head sets (eyewash or eye/face wash and shower) have been designed to be a simple retro-fit onto most existing Haws installations.

Ophthalmologist Robert S. Wolff, MD





This spinning and atomization action mitigates strong physical pressures driving water to the outer rim, making distribution equal across entire footprint of the flow.



The Axion drench shower nozzle uses the latest hydrodynamic principles to spin inlet water and break it into smaller, discrete droplets.

better coverage, softer flow... AXION MSR!

Field configurable

Specifiers and buyers will appreciate the flexibility built into Axion MSR products. Every model can be field configured as either an eyewash or an eye/face wash by simply changing out the top cover of the head and its flow control. Change-out components are included at no extra charge!





Haws[®]
corporation

axion[™] msr

Axion MSR technology available
on our best-selling eyewash and shower models

Eye/face washes, wall mounted

7260B/7270B
7360B/7460B
7460

Eye/face washes, pedestal mounted

7261/7271
7271CRP
7361/7461

Combination eye/face wash and shower units

8300/8309
8300CRP/8309CRP
8309WC
8320/8325
8320CRP

Parts for Axion upgrades

Axion eye/face wash head with adaptor SP65
Axion ABS shower head SP829



Patent pending

For more information, ask your
Haws representative or call 888.640.4297

Complete specifications and more

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