

Technical Note 05-00
(Preliminary)
Recommended Application of Soothe-Away Plus™
Rev. 5-31-00

What OC (Pepper Spray) Does

OC or Oleoresin Capsicum is a natural food product often used as an irritant. Hot pepper sauce uses OC as its “hot” ingredient, and it is a mild irritant to the mouth. Higher OC concentrations (i.e., Pepper Spray) can be irritating to the eyes, lungs and skin. The OC contains capsaicinoids that penetrate the fatty tissues just under the skin and make them “think” that they are hot. This natural effect can last for several hours to several days if untreated.

Treatment

Relief will occur only when the capsaicinoids are pulled out of the fatty tissue. This is why a cool surface cleaner like water will provide the sensation of cool relief but when the water is removed the “heat” is still there. OC cannot be dissolved with a solvent or soap so it must be pulled from the fatty tissue without damaging the skin tissue. Soothe-Away Plus™ is like a sponge attracting the OC and taking it away. However, once pulled from the skin, the OC (and Soothe-Away Plus™) must be removed from the skin surface.

Application

The OC has been absorbed into the pores and that is why the “heat” sensation occurs. The longer the exposure or the stronger the OC solution the deeper into the fatty tissue the OC will be absorbed. The earlier the application of Soothe-Away Plus™ the better the relief.

DO NOT apply water or any other solution before applying Soothe-Away Plus™. The water will temporarily provide a cool feeling but will also decrease the ability of Soothe-Away Plus™ to extract the OC, thus prolonging the “heat.”

Apply Soothe-Away Plus™ liberally to the affected area and work it into the skin. This application will clean away the surface OC and pull most or all of the OC from the pores. Let Soothe-Away Plus™ stay on the skin for at least 1 to 2 minutes before rinsing with plenty of cold water. Thoroughly dry the area after rinsing. Some OC may remain in the fatty tissue and a second, and third, application may be necessary.

Apply Soothe-Away Plus™ liberally a second time and work it into the skin again. This application will pull the remaining OC from the fatty tissue. Let Soothe-Away Plus™ stay on the skin for at least 1 to 2 minutes then rinse again with cold water, drying thoroughly.

In severe OC exposures a third application of Soothe-Away Plus™ may be necessary to continue extracting the OC from the fatty tissue. Dry the affected skin with a towel or tissue and repeat the procedure above.

Comments

Please provide us your comments about your uses of Soothe-Away Plus™, or any competitive product. We need your information to continually improve our products.