



O.C. Decontamination Test Product

08/30/2007

Oklahoma County Sheriff's Office  
 Training Facility  
 4001 N. Air Depot  
 Oklahoma City, OK 73141

**PURPOSE**

The purpose of this test is to familiarize ourselves with a new product from Sabre (Sabre Decon) that claims to reduce redness, swelling, pain and recovery period for OC contamination. Sabre also states that this product eliminates reactivation and loss of productivity allowing officers to return to duty quicker and pain free. We conducted this test on a Detention Officer Academy during the Defensive Tactics block of instruction.

We tested 25 Detention Officers. Each D.O. was assigned to either a Blue or Red Team. Unknown to either team we elected the Red team to receive the actual product. The Blue team was given a placebo. The placebo was water placed into a clean (Sabre Decon) bottle.

As directed by the Mfg. all DO's applied the cleanser 5 times and the soother 1 time immediately post contamination.

**DATA:**

**Acute Pain Response Assessment**

Level of discomfort on a scale of 0-10. (10 being the highest level of discomfort)

Student Color Code	Immediately Following Contamination	5 Minutes Post Decontamination Process	30 Minutes Post Decontamination Process	1 Hour Post Decontamination Process	2 Hours Post Decontamination Process
Red	8.2	6.2	3.8	2.9	1.9
Blue	9.1	7.1	6.2	4.0	2.5

**Skin Response**

Level of Redness on a scale of 0-10. (10 being extreme redness)

Student Color Code	Immediately Following Contamination	5 Minutes Post Decontamination Process	30 Minutes Post Decontamination Process	1 Hour Post Decontamination Process	2 Hours Post Decontamination Process
Red	6.4	6.0	4.0	3.2	1.0
Blue	6.9	6.5	5.4	4.3	2.2

### Chronic Pain Response Assessment

Level of discomfort on a scale of 0-10. (10 being the highest level of discomfort)

Student Color Code	Degree of pain and redness experienced
Red	5.4
Blue	6.9

### Chronic Pain Response Assessment

Re-Activation when exposed sites were in hot temperatures on a scale of 0-10.  
(10 being the most extreme)

Student Color Code	Degree of pain and redness experienced
Red	3.1
Blue	6.1

### Additional

Red Team:

Question:

Did this product work for them?

Answer:

**14 out of the 15** on the red team said that they thought that the product worked well.

Blue Team:

Question:

Did this product work for them?

Answer:

**6 out of the 10** on the red team said that they thought that the product worked well.

### CONCLUSION/DISCUSSION

Deputy Jeanelle Van Buskirk:

I believe that this product will be helpful in any areas that O.C. will be used. This product may not provide relief immediately, but it does help speed up the recovery process and helped prevent re-activation. This product would be of great use in the jail and the training division. It would help with the decontamination of inmates, Detention Officers, and Detention Cadets when they have been sprayed with O.C.

Deputy Jason Ruegge

I was skeptical of this product at first. Over the years we have evaluated many products that claimed to be the “Magic Bullet” for decontamination in the OC process. All of them failed.

This product did offer a level of pain relief as well as speeding the decontamination process significantly. It also is apparent that it all but stops the secondary activation, commonly experienced.

It is my recommendation that we purchase this product and implement it agency wide. . This product would be of great use in the jail and the training division. It would help with the decontamination of inmates, Detention Officers, and Detention Cadets and Deputies when they have been exposed to O.C.



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