

Oroville Police Department

4 Hour Chemical Agent Course Update

HC / CN / CS / OC
Instructor: Sergeant Deal

Expanded Course Outline

I. Introduction/Registration

A. Registration

1. Departmental Paperwork
2. POST paperwork
3. Course overview/objectives

B. History of Chemical Agents

1. First use
 - a. “Stink pots” in China
2. Progression over the years
 - a. Samurai Warriors, United States first use (1864), Law Enforcement first use (1912)
3. Notable Developments
 - a. 1982 OC first used by FBI
 - b. 1990 FBI approved agents to use OC
 - c. 1996 OC approved for use in California

II. Types of Chemical Agents

A. Hexachloroethane (Smoke)

1. Classification
 - a. Obscurant
2. Color Code
 - a. Yellow
3. Dissemination Method
 - a. Pyrotechnic continuous burn (outdoor use only)
4. Uses
 - a. Concealments, confuse/disorient/determine wind direction

B. Chloroacetophenone (CN)

- 1. Classification
 - a. Lachrymator
- 2. Color Code
 - a. Red
- 3. Dissemination Method
 - a. Pyrotechnic, Expulsion, Liquid, Fog
- 4. Effects
 - a. Copious tearing, closing of the eyes, nasal discharge, burning throat and chest.

C. Orthochlorobenzalmalonitrile (CS)

- 1. Classification
 - a. Lachrymator
 - b. Skin & respiratory irritant
- 2. Color Code
 - a. Blue
- 3. Dissemination Method
 - a. Pyrotechnic, Expulsion, Liquid, Fog

[REDACTED]

[REDACTED]

D. Oleoresin Capsicum

- 1. Classification
 - a. [REDACTED]
- 2. Color Code
 - a. Orange
- 3. Dissemination Method
 - a. [REDACTED]
- 4. Effects
 - a. [REDACTED]

[REDACTED]

III. Decontamination

A. Personal (skin)

- 1. Fresh air
- 2. Copious amounts of cool water
- 3. Wash with soap and water (no creams)
- 4. Baby shampoo for OC

B. Clothing

1. Hang outside or shake out in the air
 - a. Residue on clothing will cause secondary exposure
2. Normal laundry in cold water

C. Enclosed areas (indoors)

1. Cross ventilation
 - a. Allow air to flow through house and out an opening
2. Turn off central heating/cooling system
3. Mop floors and wet vacuum carpeting

D. Open areas (outdoors)

1. Usually not needed
2. Throw away contaminated food

IV. Legal Considerations

A. Statutory and Case Law

1. Penal Codes
 - a. 22810 PC
 - b. 22810(g)(1) PC
2. Relevant case law
 - a. City of Canton Ohio v. Harris
 - b. Graham v. Connor
 - c. Tennessee v. Garner
 - d. Scott v. Heinrich

B. Department Policy

1. Use of force policy
 - a. Lexipol Oroville PD Policy 300
2. Chemical agent policy
 - a. Lexipol Oroville PD Policy 308

V. Gas Masks

A. Components

1. Lens
2. Filter
3. Exhaust Port
4. Nose Cup
5. Voice Box
6. Straps

B. Fitting

1. Loosen straps
2. Place chin into mask first
3. Adjust mask on face
4. Tighten straps starting with bottom straps and work up to top of head
5. Don't over tighten
6. Check for leaks
7. Purging
8. Cleaning

C. Maintenance

1. Routine inspection
 - a. Check components/cleanliness, check for proper sealing

VI. Written Test & Practical Exercise

A. Written Test

1. Students will perform a written test

B. Practical Exercise

1. Students will be exposed to chemical agents and perform proper decontamination procedures.