



Butane Hash Oil Investigations

Wednesday May 8, 2019

0900-1700

Registration is restricted to Fire personnel, sworn law enforcement personnel and prosecutors.

**Location: DEA Sacramento District Office
4328 Watt Ave
Sacramento, CA 9**

Description: This class will include the following topics:

- * What is BHO? Butane facts.
- * Why concentrated cannabis?
- * Chemical properties and purity of solvents. Polarity of solvents.
- * Health and Safety code sections 11379.6
- * Non 11379.6 H&S labs – pollen extractors and Rosin presses
- * Alcohol, propane and butane extractions
- * BHO extraction – components of a lab.
- * Making BHO - shatter, vacuum purge, oven purge.
- * Closed loop systems, Smoking BHO
- * BHO lab investigations and BHO lab explosions

Instructor: Douglas Patterson is a 23-year law enforcement officer. He was employed by the Riverside County Sheriff's Office from 1996 to 2003. In 2003 Detective Patterson was employed by the Butte County Sheriff's Office as a Deputy Sheriff where he worked as a Field Training Officer, Designated Area Deputy, and as a Detective for seven years in the Special Enforcement Unit (SEU); a multi-agency unit operated by the Butte County Sheriff's Office, which focuses on marijuana related crimes. In September 2016, Patterson was hired by the Butte County District Attorney's Office as a District Attorney Investigator and is currently assigned to the Special Enforcement Unit filling the DA position in this multi-agency unit. Investigator Patterson has been involved in the investigation of no less than five hundred marijuana related crimes to include marijuana cultivation, marijuana sales, possession of marijuana for sale, transportation of marijuana and the manufacturing of hash oil. Investigator Patterson has observed several hundred thousand growing marijuana plants, both from an aerial platform and on the ground. He has witnessed hundreds of indoor marijuana growing operations to include hydroponic and soil mediums, multiple stage and single stage marijuana grows. Investigator Patterson has investigated well over one hundred hash oil labs to include active butane honey oil labs, disassembled hash oil labs, and butane honey oil labs that have exploded resulting in injury, death, and or fire. Other hash oil labs that Investigator Patterson has investigated include CO2 labs, to include CO2 labs that have exploded, alcohol labs, and further refinement labs to include winterization, rotary/wiped film evaporator labs, and fractional distillation labs. Investigator Patterson has qualified as an expert in State and Federal court in marijuana cultivation, marijuana possession for sale, sales of marijuana, transportation of marijuana and hash oil labs.

Parking: There is parking available. You are encouraged to carpool.

Registration: There is no cost for this training. Registration begins at 0830 hours with class starting by 0900. You will be required to show identification and will be issued a visitor pass. You will then be directed to the classroom. Click the NC HIDTA link below to register.

If you have questions regarding the training, contact SA Heidi Rubino at (408) 422-6175 or at Hilda.M.Morejon@usdoj.gov .

View all of NC HIDTA's classes on our training section of our website
www.nchidta.org.