







# An Ordinance for Marijuana Concentrate In “R” Occupancies

It shall be unlawful for any person to manufacture marijuana concentrates, including, but not limited to the production of “Hash Oil” by the use of a compressed flammable gas, flammable gas, flammable liquid or combustible liquid as a solvent in the extraction of tetrahydrocannabinol and/or other cannabinoids in a residential setting within the city of Colorado Springs.



# HEADLINES

- Hash oil causes blast, hurts 3 near SeaWorld in SD 
- Lansing house explosion might have been caused by dangerous process of making hash oil, similar to marijuana 
- Colorado Springs man hospitalized, accused of causing explosion while making hash oil 
- Special Report The Dangers of Hash Oil Production 
- Hash Oil Lab Explosion Severely Burns Man Sacramento 
- Explosion from making hashish burns man, blows off wall Portland OR 
- Police: Explosion caused by THC extraction Tahoe *Daily Tribune*
- Marijuana 'Hash Oil' Explodes In Popularity, And Kitchens



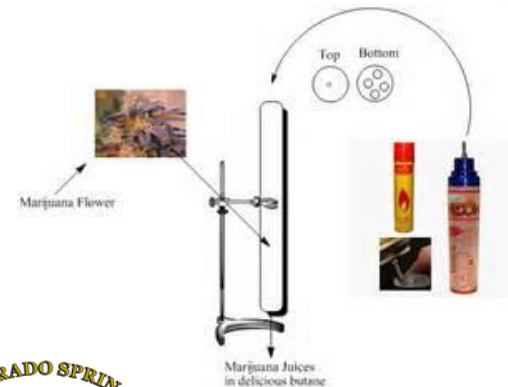
# Hash Oil or “Honey Oil” Process

- Butane fuel used to extract THC from marijuana leaves.



Materials may include

- butane canisters
- coffee filters
- beakers
- heat resistant bowls
- PVC pipe
- PVC end caps
- alcohol



# Marijuana –

## New Trends in Residential Occupancies

- Several solvents that can be used during the extraction process, including acetone, butane, carbon dioxide (CO<sub>2</sub>), hexane and rubbing alcohol.
- The process forces butane through an extraction tube filled with finely ground marijuana. Residue that emerges from the other end is a mixture of highly concentrated THC and butane.
- Final product is a viscous liquid known as “dab”, “wax”, “shatter”, or “earwax”.
- Butane is a volatile and explosive solvent.
- Flash fire explosions --- static electricity, open flame from a cigarette lighter, spark or a simple electric switch. Houses and apartment buildings sustain significant damage.
- Burn injuries – severe burns, requiring hospitalization.

# DANGEROUS TO PUBLIC AND EMERGENCY RESPONDERS

Poses clear and present danger to the public health, safety, and welfare of the citizens, public safety personnel, and visitors of the City.





# Explosions - Fire



# Explosions - Fire





# Colorado Springs Fire Dept.

## Calls for Service

#	Incident ID	Alarm Date	Compa Shift	Dispatch	(Situation FPU	Address	Search Woi	Narrative	Relevant?	
1	1353711	7-Dec-13	X197 B	EXPLF	08A16	420 2581 E PIKES PEAK AV #S205; GRANDVIEW APARTMENTS	Butane	DUTY COMPANY NARRATIVE BY: Spears, Timo	Yes	
1	1353711	7-Dec-13	HR17 B	EXPLF	08A16	420 2581 E PIKES PEAK AV #S205; GRANDVIEW APARTMENTS	Butane	DUTY COMPANY NARRATIVE BY: McConnellog	Yes	
1	1353711	7-Dec-13	X197 B	EXPLF	08A16	420 2581 E PIKES PEAK AV #S205; GRANDVIEW APARTMENTS	Hash	DUTY COMPANY NARRATIVE BY: Spears, Timo	Yes	
1	1353711	7-Dec-13	X197 B	EXPLF	08A16	420 2581 E PIKES PEAK AV #S205; GRANDVIEW APARTMENTS	Hash Oil	DUTY COMPANY NARRATIVE BY: Spears, Timo	Yes	
2	1356518	24-Dec-13	X196 A	SFIR	01A11	410 2018 MONTEREY RD	Extract	DUTY COMPANY NARRATIVE BY: Robinson, Jel	Maybe	
3	1357022	27-Dec-13	IC1 C	SFIR	08A16	420 120 METZLER ST #1	Butane	DUTY COMPANY NARRATIVE BY: Harr, Richard	Probably	
3	1357022	27-Dec-13	IC1 C	SFIR	08A16	420 120 METZLER ST #1	Extract	DUTY COMPANY NARRATIVE BY: Harr, Richard	Probably	
3	1357022	27-Dec-13	T4 C	SFIR	08A16	420 120 METZLER ST #1	Hash	DUTY COMPANY NARRATIVE BY: Halsey, John	Probably	
3	1357022	27-Dec-13	T4 C	SFIR	08A16	420 120 METZLER ST #1	Hash Oil	DUTY COMPANY NARRATIVE BY: Halsey, John	Probably	
4	1357027	27-Dec-13	E9 C	4D2A	65A55	961 2635 STEEL DR; C & C SAND	Extract	DUTY COMPANY NARRATIVE BY: Garcia, Steve	Probably	
5	1409821	1-Mar-14	E8 A	EXPLF	09A19	420 319 UNIVERSITY DR #C3; WESTVIEW APARTMENTS	Butane	DUTY COMPANY NARRATIVE BY: Rocco, David	Yes	
5	1409821	1-Mar-14	E8 A	EXPLF	09A19	420 319 UNIVERSITY DR #C3; WESTVIEW APARTMENTS	Hash	DUTY COMPANY NARRATIVE BY: Rocco, David	Yes	
6	1416588	14-Apr-14	X197 C	SFIR	01A11	420 220 N MURRAY BL; SHANNON GLEN APARTMENTS	Butane	DUTY COMPANY NARRATIVE BY: Spears, Timo	Probably	
6	1416588	14-Apr-14	X199 C	SFIR	01A11	420 220 N MURRAY BL; SHANNON GLEN APARTMENTS	Extract	220 N Murray Blvd Case # 1416588	Location r Probably	
6	1416588	14-Apr-14	X199 C	SFIR	01A11	420 220 N MURRAY BL; SHANNON GLEN APARTMENTS	Hash	220 N Murray Blvd Case # 1416588	Location r Probably	
6	1416588	14-Apr-14	X197 C	SFIR	01A11	420 220 N MURRAY BL; SHANNON GLEN APARTMENTS	Hash	DUTY COMPANY NARRATIVE BY: Spears, Timo	Probably	
6	1416588	14-Apr-14	X197 C	SFIR	01A11	420 220 N MURRAY BL; SHANNON GLEN APARTMENTS	Hash Oil	DUTY COMPANY NARRATIVE BY: Spears, Timo	Probably	
6	1416588	14-Apr-14	X199 C	SFIR	01A11	420 220 N MURRAY BL; SHANNON GLEN APARTMENTS	Hash Oil	220 N Murray Blvd Case # 1416588	Location r Probably	
7	1418636	27-Apr-14	E2 B	ATAL	69C53	465 1040 N CASCADE AV; COLORADO COLLEGE ANTERO APTS	Butane	DUTY COMPANY NARRATIVE BY: Broch, David	Probably Not	
8	1421513	14-May-14	E14 B	ATAL	01A11	420 7762 CHANDA HT; GRAND RIVER CANYON APARTMENTS	Butane	DUTY COMPANY NARRATIVE BY: Offutt, Micha	Yes	
8	1421513	14-May-14	E14 B	ATAL	01A11	420 7762 CHANDA HT; GRAND RIVER CANYON APARTMENTS	Hash	DUTY COMPANY NARRATIVE BY: Offutt, Micha	Yes	
8	1421513	14-May-14	E14 B	ATAL	01A11	420 7762 CHANDA HT; GRAND RIVER CANYON APARTMENTS	Hash Oil	DUTY COMPANY NARRATIVE BY: Offutt, Micha	Yes	
9	1427296	18-Jun-14	X199 C	SFIR	08A16	410 333 GRACELAND GV	Butane	333 Graceland Grove	Location Responded Fro	Yes
9	1427296	18-Jun-14	E3 C	SFIR	08A16	410 333 GRACELAND GV	Butane	DUTY COMPANY NARRATIVE BY: Novotny, Dav	Yes	
9	1427296	18-Jun-14	X194 C	SFIR	08A16	410 333 GRACELAND GV	Butane	DUTY COMPANY NARRATIVE BY: Mangan III, R	Yes	
9	1427296	18-Jun-14	X199 C	SFIR	08A16	410 333 GRACELAND GV	Extract	333 Graceland Grove	Location Responded Fro	Yes
9	1427296	18-Jun-14	D1 C	SFIR	08A16	410 333 GRACELAND GV	Extract	DUTY COMPANY NARRATIVE BY: Wheeler, Der	Yes	
9	1427296	18-Jun-14	E3 C	SFIR	08A16	410 333 GRACELAND GV	Hash	DUTY COMPANY NARRATIVE BY: Novotny, Dav	Yes	
9	1427296	18-Jun-14	X199 C	SFIR	08A16	410 333 GRACELAND GV	Hash	333 Graceland Grove	Location Responded Fro	Yes
9	1427296	18-Jun-14	D1 C	SFIR	08A16	410 333 GRACELAND GV	Hash	DUTY COMPANY NARRATIVE BY: Wheeler, Der	Yes	
9	1427296	18-Jun-14	X194 C	SFIR	08A16	410 333 GRACELAND GV	Hash	DUTY COMPANY NARRATIVE BY: Mangan III, Ralp	Yes	
9	1427296	18-Jun-14	X199 C	SFIR	08A16	410 333 GRACELAND GV	Hash Oil	333 Graceland Grove	Location Responded Fro	Yes
9	1427296	18-Jun-14	X194 C	SFIR	08A16	410 333 GRACELAND GV	Hash Oil	DUTY COMPANY NARRATIVE BY: Mangan III, Ralp	Yes	
9	1427296	18-Jun-14	D1 C	SFIR	08A16	410 333 GRACELAND GV	Hash Oil	DUTY COMPANY NARRATIVE BY: Wheeler, Der	Yes	
10	1439224	28-Aug-14	X198 A	SFIR	01A11	420 4955 EL CAMINO DR #B6; NEW HORIZON APTS	Butane	DUTY COMPANY NARRATIVE BY: Gosch, Nanc	Probably Not	
10	1439224	28-Aug-14	X198 A	SFIR	01A11	420 4955 EL CAMINO DR #B6; NEW HORIZON APTS	Hash	DUTY COMPANY NARRATIVE BY: Gosch, Nanc	Probably Not	
10	1439224	28-Aug-14	X198 A	SFIR	01A11	420 4955 EL CAMINO DR #B6; NEW HORIZON APTS	Hash Oil	DUTY COMPANY NARRATIVE BY: Gosch, Nanc	Probably Not	





# CSFD / CSPD Incidents 2013-2015

- CSPD/CSFD responded to 17 residential marijuana concentrate extraction related incidents.
- Eight incidents involved explosion or fire.
- One incident in Manitou Springs.



# Colorado Revised Statutes

## (C.R.S.) § 18-18-406.6

(1) IT SHALL BE UNLAWFUL FOR ANY PERSON WHO IS NOT LICENSED PURSUANT TO ARTICLE 43.3 OR 43.4 OF TITLE 12, C.R.S., TO KNOWINGLY MANUFACTURE MARIJUANA CONCENTRATE USING AN INHERENTLY HAZARDOUS SUBSTANCE.

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(2) IT SHALL BE UNLAWFUL FOR ANY PERSON WHO IS NOT LICENSED PURSUANT TO ARTICLE 43.3 OR 43.4 OF TITLE 12, C.R.S., WHO OWNS, MANAGES, OPERATES, OR OTHERWISE CONTROLS THE USE OF ANY PREMISES TO KNOWINGLY ALLOW MARIJUANA CONCENTRATE TO BE MANUFACTURED ON THE PREMISES USING AN INHERENTLY HAZARDOUS SUBSTANCE.

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(4) AS USED IN THIS SECTION, UNLESS THE CONTEXT OTHERWISE REQUIRES, "INHERENTLY HAZARDOUS SUBSTANCE" MEANS ANY LIQUID CHEMICAL, COMPRESSED GAS, OR COMMERCIAL PRODUCT THAT HAS A FLASH POINT AT OR LOWER THAN THIRTY-EIGHT DEGREES CELSIUS OR ONE HUNDRED DEGREES FAHRENHEIT, INCLUDING BUTANE, PROPANE, AND DIETHYL ETHER AND EXCLUDING ALL FORMS OF ALCOHOL AND ETHANOL.

# State of Colorado 2009-2015

## 2015

- 4 Explosions

## 2014

- 32 Explosions
  - 20 "homes/townhomes/condo/duplex/multi"
  - 9 apartments
  - 2 commercial building
  - 1 motel
- 30 Injuries

## 2013

- 12 Explosions
- 18 Injuries

## 2009 -2012

- 2 Explosions
- 3 Injuries



# Local Ordinance

A. It shall be unlawful for any person to manufacture marijuana concentrates, including, but not limited to the production of “Hash Oil” by the use of a compressed flammable gas, flammable gas, flammable liquid or combustible liquid as a solvent in the extraction of tetrahydrocannabinol and/or other cannabinoids in a residential setting within the city of Colorado Springs.

B. Residential Setting, for the purposes of this ordinance, means the use of a building or structure, or portion thereof, for sleeping purposes, where the occupants are transient or permanent in nature, including but not limited to houses, duplexes, boarding homes, hotels, motels, apartment houses, dormitories, live/work units or care facilities.