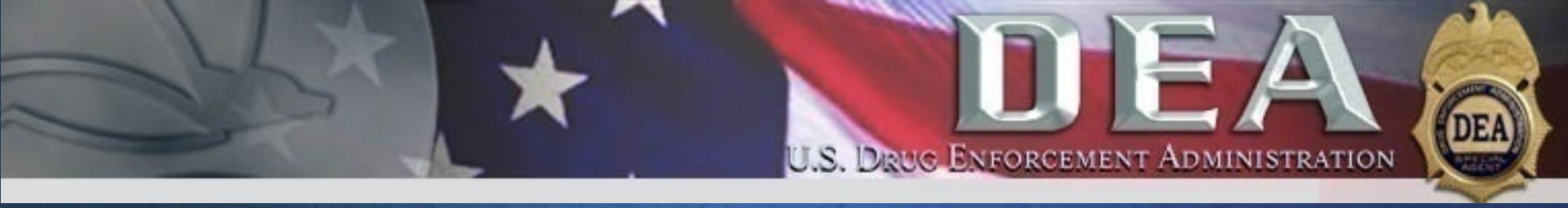

Combat Methamphetamine Epidemic Act

Diversion Investigator
George Lutz
802-951-2916

Goals and Objectives

- Discuss methamphetamine background and the scope of the problem as related to manufacture and abuse
- Identify and discuss the pharmacology of methamphetamine
- Discuss the Combat Methamphetamine Epidemic Elimination Act
- Discuss smurfing and diversion of Small Capacity Production Labs
- Discuss methamphetamine manufacture and the dangers associated with methamphetamine production

Questions to Discuss

- True or False….
  - The Combat Methamphetamine Epidemic Elimination Act was passed to limit the amount of ephedrine, pseudoephedrine, and/or Phenylpropanolamine available to clandestine laboratory operators who manufacture controlled substances such as methamphetamine and amphetamine.

True

Questions to Discuss

- Which of the following drugs are not covered under the Combat Methamphetamine Epidemic Elimination Act as Scheduled Listed Chemical Products?
- A) Ephedrine
- B) Pseudoephedrine
- C) Phenylephrine
- D) Phenylpropanolamine

C) Phenylephrine

Questions to Discuss

- True or False….
  - The easiest method of methamphetamine manufacture is through the “one-pot” method using pseudoephedrine or ephedrine.

True

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Foreign vs. Domestic Methamphetamine

U.S. Methamphetamine Problem

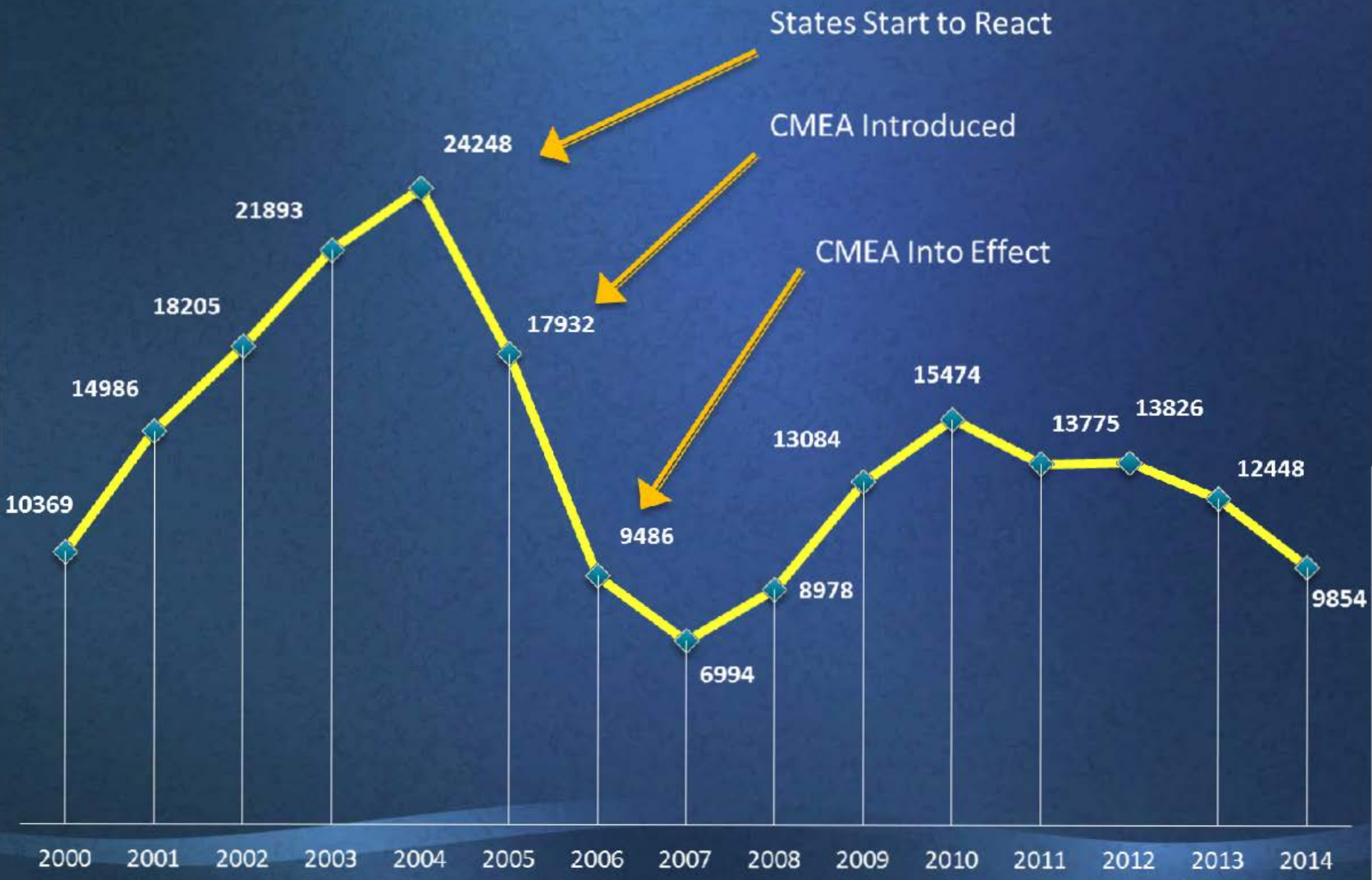
- The U.S. methamphetamine threat is a two prong problem:
  - Methamphetamine manufactured by Mexican Trafficking Organizations (large “Super Labs” in Mexico & the U.S.)
  - Small Capacity Production Labs (SCPLs) (based in the U.S.)

Seizures of Methamphetamine along the SWB

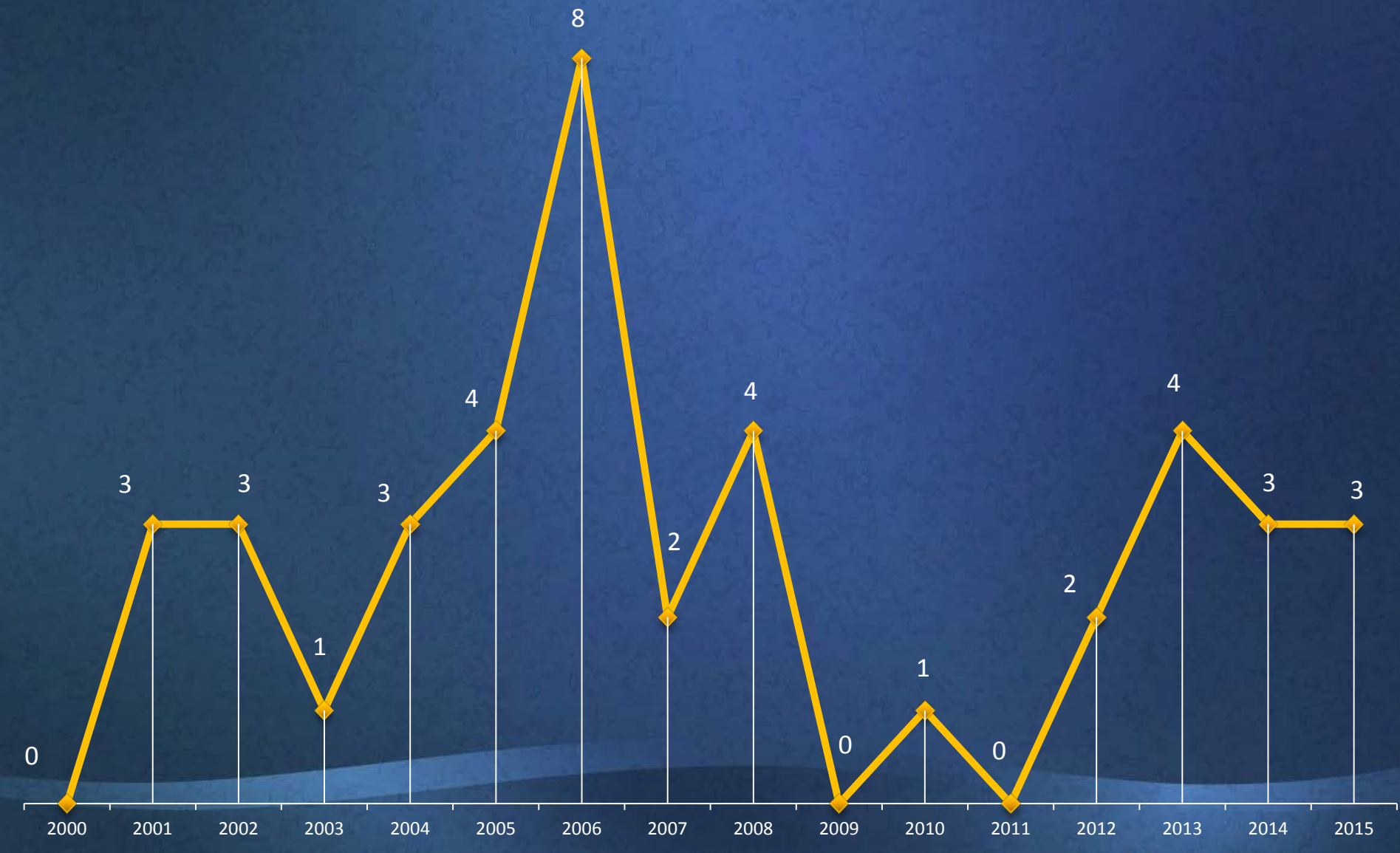
EPIC SOUTHWEST BORDER METH STATS (CA, AZ, NM, TX)

YEAR	KILOGRAMS SEIZED
CY 2001	1,879.41 KG
CY 2002	1,217.69 KG
CY 2003	1,965.56 KG
CY 2004	2,436.97 KG
CY 2005	3,041.42 KG
CY 2006	2,875.07 KG
CY 2007	1,885.96 KG
CY 2008	2,236.74 KG
CY 2009	3,534.19 KG
CY 2010	5,513.76 KG
CY 2011	8,589.12 KG
CY 2012	12,541.87 KG
CY 2013	14,576.80 KG
CY 2014	16,139.68 KG
CY 2015	17,884.53 KG

United States Meth Lab Incidents



New Jersey Meth Lab Incidents



Domestic Meth

- Today's Home-Grown Methamphetamine
  - Easier to make and more potent than ever before
  - Common chemicals purchased over the counter
  - Takes as little as **one package** of precursor
  - Today's meth made in as little as 15 minutes
    - earlier methods took 20+ hours
  - Today's labs are the most dangerous with regards to fires and explosions
  - Accounts for 98% of all reported clandestine labs

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Why do we have the CMEA?

What it the purpose of the CMEA?

To limit the domestic manufacture of methamphetamine by placing restrictions on the sale of Pseudoephedrine, ephedrine and phenylpropanolamine at retail outlets.

Domestic Chemical Trafficking

What information must be in the logbook?

- You must keep a logbook which contains a written or electronic list of sales of drug products containing ephedrine, pseudoephedrine, and phenylpropanolamine.
  - You must write or enter in the logbook the name of the drug product and the quantity sold.
  - Your customer must write or enter in the logbook their name and address, and the date and time of the sale.
  - Your customer must also sign the logbook (signature).

Identification and Verification

- Your customer must show you a photo identification issued by a State or the federal government.
- Alternate Forms of Identification are allowed by 8 CFR 274a.2(b(1)(v)(A) and 274a.2(b)(1)(v)(B)

Identification and Verification

- You cannot sell Scheduled Listed Chemical Products containing ephedrine, pseudoephedrine, or phenylpropanolamine to customers unless they present appropriate identification.
- You must verify that your customer's name on the photo identification matches the name your customer wrote in the logbook.
- You must verify that the date and time of the sale that your customer wrote in the logbook are correct.

When is my customer NOT required to sign the logbook?

- If your customer buys a single package containing not more than 60 milligrams of pseudoephedrine* (one 60 mg tablet or two 30 mg tablets)
  - Your customer does not have to sign the logbook.
  - Your customer does not have to show identification.

* Note: does not apply to ephedrine or phenylpropanolamine

Who can see the logbook information?

- You must keep the logbook secure.
- You may share information in the logbook:
  - To comply with the law; and
  - For a product recall.
- Logbook information may **only** be shown to local, state and federal law enforcement.
- Information in the logbook may be copied, inspected only, or turned over entirely.
- Ask your supervisor for further information about sharing information.

How do I store these drug products?

- You must store drug products containing ephedrine, pseudoephedrine, and phenylpropanolamine either behind the counter or in a locked cabinet.
- You must give the drug product directly to the customer who signed the logbook.

How much of these drug products can I sell to each customer per day?

- You cannot sell more than **3.6 grams per day to each customer** of Scheduled Listed Chemical Products containing ephedrine, pseudoephedrine or phenylpropanolamine.

How much of these drug products can my customer buy in a 30-day period?

- Your customer cannot buy more than **9 grams in a 30-day period** of Scheduled Listed Chemical Products containing ephedrine, pseudoephedrine, or phenylpropanolamine.

Does not apply to products dispensed pursuant to a valid prescription

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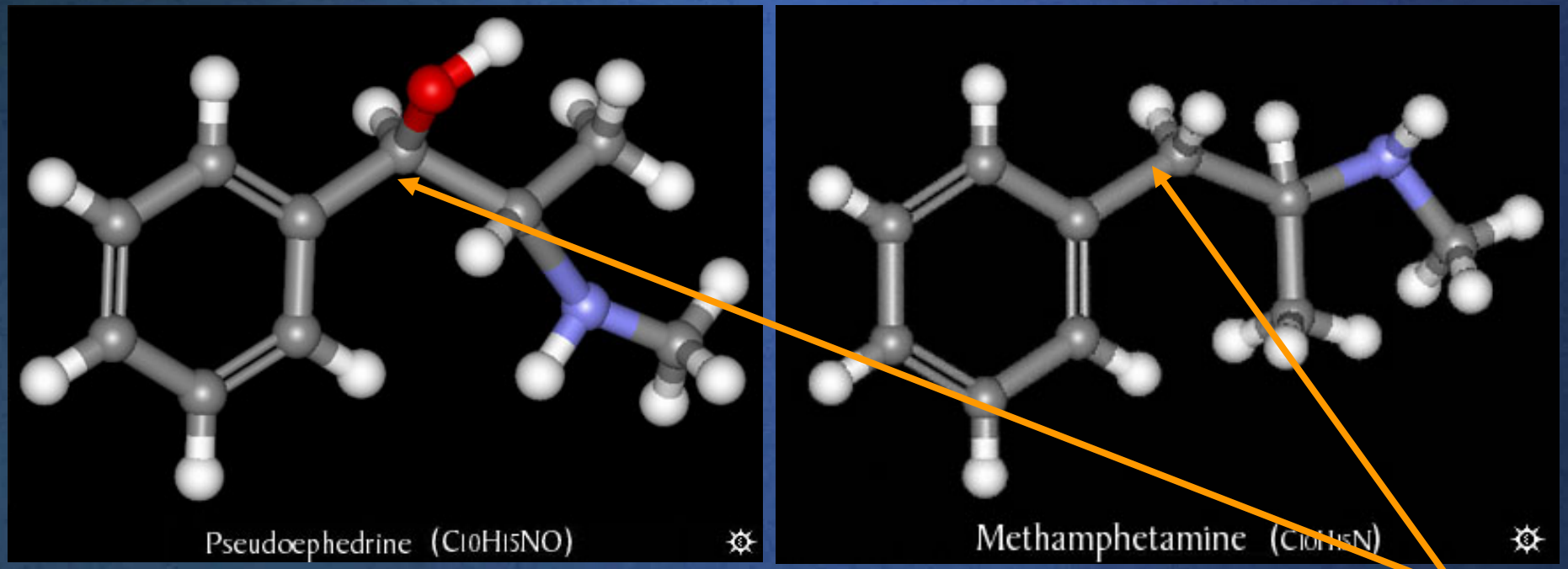
Why Pseudoephedrine or Ephedrine to Make Methamphetamine?

A Molecular Comparison

Pseudoephedrine **Methamphetamine**



What's the big deal with Pseudoephedrine? The answer is basically **One Oxygen Molecule**. The molecular similarity of pseudo to meth is so close that using today's common methamphetamine manufacturing methods ("Shake & Bake" Red-Phosphorus or Anhydrous / Nazi method) simply reduce the molecular structure of pseudoephedrine/ ephedrine by one Oxygen molecule to create Methamphetamine.

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Meth's Effects

Psychological Effects

- Delusions
- Extreme paranoia
- Hallucinations
- Increased alertness
- Sense of well-being
- Prolonged depression
- Excessive excitation and talking
- Panic
- Anxiousness and nervousness
- Moodiness and irritability

Cheri

Meth Addiction

- When compared to Alcohol and Cocaine:
  - A group of 100 people given a drink of alcohol every day for 3 weeks, **8 of the 100** will become addicted.
  - A group of 100 people given meth or cocaine orally or as snuff every day for 3 weeks, **14 of the 100** will become addicted.
  - A group of 100 people given meth by smoking or injection just 2 times, **90 of the 100** will become addicted.
  - If a recovering meth addict, who has been clean for 11 months, has a hit of meth in placed in front of them, the desire to use it will cause the addict to use it, **100%** of the time.

◀ An individual suffering from "crank bugs", a condition sometimes seen in cases of heavy methamphetamine abuse. A similar condition, called "coke bugs" or "snow bugs", is also seen in heavy cocaine users. This is a drug induced hallucination or sensation that bugs are crawling on or under the skin. The abuser picks at the skin in an attempt to remove the bugs. The individual pictured had similar marks on his legs, face, chest and back.

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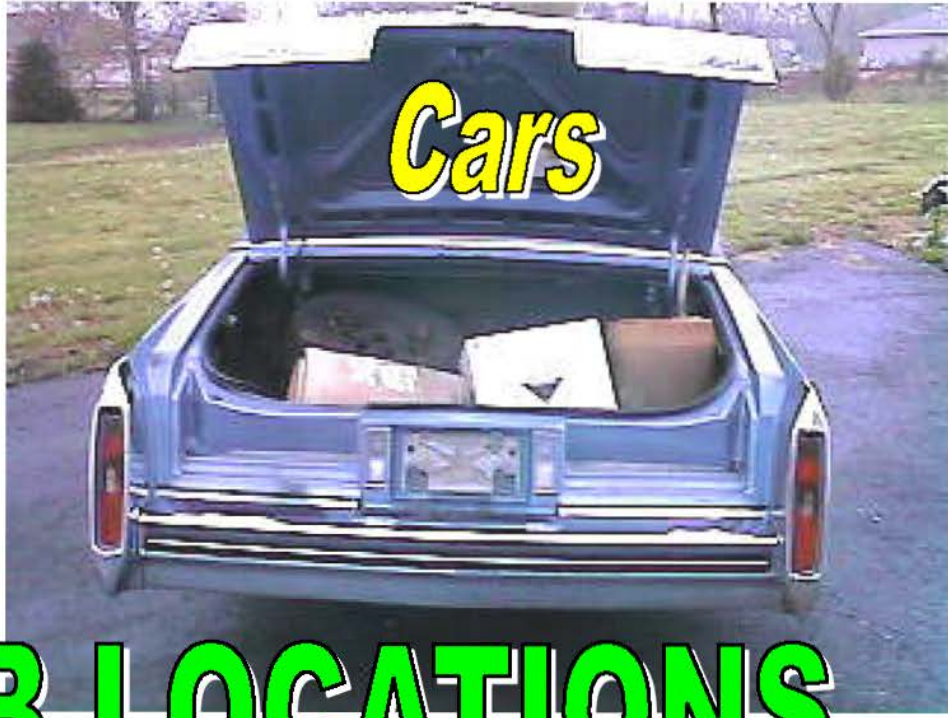
Lab Locations

POSSIBLE LAB LOCATIONS



POSSIBLE LAB LOCATIONS

ed THE QUARTERBACK
TERBACK I
I scored THE
THE QUARTERBACK
'ERBACK I
I
THE QUARTERBACK

Mobile Meth Lab found inside of truck during a traffic stop.

Mobile Lab Counter Measure

http://atom.smasher.org/construction/

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Lab Dangers

Meth Labs are Endangering our Communities Florida & Alabama

"Meth lab explodes inside South Jacksonville apartment"

August 17, 2011 The Florida Times Union

"Janitor finds meth lab in Walmart bathroom"

WHNT April 11, 2012 Boaz, Alabama

Meth Labs are Endangering our Communities Washington, D.C

" Meth Lab Explosion Rocks Luxury Apartment in Dupont Apartment"

February 2, 2012
Inthecapital.com

Meth Labs are Being Found At & Near Our Schools
Indiana & Michigan

"Two meth labs found at Elementary School"

ABC57news April 4, 2012
Plymouth, Indiana

"Meth Lab Next to Elementary School"

9 & 10 News April 2, 2012
Luther, Michigan

Meth Labs are Being Found At & Near Our Schools Georgia

"Police bust meth lab next to elementary school"

WTOC.com March 29, 2012
Kingsland, Georgia

"Meth lab found in truck at South Effingham Middle School"

"Lawrence Lanier, 34, had two small children in his truck within arm's reach of a meth lab when he was arrested at South Effingham Middle School, Effingham County Sheriff's Office spokesman David Ehsanipoor said."

Savannahnow.com April 10, 2012

Meth Labs are Harming Our Environment
Tennessee & Kentucky

"Man Dumped Meth Waste Into Trout Stream."

"My concern is this is a trout stream, there are kids that fish this area," said Sheriff Hensley"

April 25, 2012 WCYB.com

"Dumping meth labs – Materials pose threat to environment, including water supply, fish and wildlife"

"The bad news is for the public Loving said, because the chemicals left behind are now in the river where people fish and swim."

BG DailyNews.com August 19, 2011

"Two men plead guilty in meth lab-lab fire that heavily damaged Kalamazoo apartment building"

Kalamazoo Gazette March 31, 2010

1509
NO

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Today's Lab

One Pot/Shake and Bake

One Pot Meth Production

How many of these are in your store?

One Pot Meth Production

- Combine
  - PSE tablets – whole or ground up
  - Solvent – ether, camp fuel
  - Lithium (Batteries)
  - Sodium Hydroxide
  - Ammonium Nitrate (cold packs)
  - Water
- Burp, Wait, Repeat
  - Filter off liquid
  - Use HCl generator to crash out Meth

CAUTION!
DO NOT INSERT
IN EAR CANAL
300

Extremely Dangerous One-Pot labs

- One-Pot labs newest trend extremely Dangerous
- Clan lab stats increase in many states
- Reactive to water/moisture
- Meth labs catching fire at a higher rate
- 50% Failure (if it hasn't – it will catch fire

Case Study

Pampa, Texas

Bottle Debris

Case Study

Case Study

Suspect

3:43:29PM
MAY 24 2010

DEA

U.S. DRUG ENFORCEMENT ADMINISTRATION

AVAILABILITY OF MANUFACTURING MATERIALS!!!!!!!!!

From the Folks that Brought you

"BlackFriday"
&
"Cyber Monday"

“Tweaker Tuesday”

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Claritin Allergy Relief
• 24 or 30 ct.
• 20 ct. Claritin-D
Limit 1 Claritin-D, excluded from points.

$5 off
with card Allegra Allergy Relief • 70 ct. 24 Hour
• 20 ct. Allegra-D 12 Hour
Limit 1 Allegra-D.

$4 off
with card Zyrtec Allergy Relief • 25 or 30 ct. 24 Hour
• 24 ct. 12 Hour Zyrtec-D
Limit 1 Zyrtec-D.

buy 1 get 1 50% off with card

buy 1 get 1 50% off
with card Hot or Cold Therapy or Ibuprofen Bed Buddy: Back Wrap or Hot & Cold Pack Walgreens: Ibuprofen, Cold Pack, Compresses, Patches, Hot & Cold Wrap or Therapeutic Pad.
Excludes $5, $7 and $9 multipacks.

buy 1 get 1 50% off
with card Support Braces and Elastic Bandages
Walgreens by Ace.

buy 1 get 1 50% off
with card First Aid • Cortaid, .5 to 1.5 oz. • 8 to 80 pk. select Band-Aid Bandages • Neosporin Antibiotic, .26 to .5 oz. • J&J Dressings, Pads, Gauze, Tape or First Aid Kits

*Only available on in-store purchases. Card and Sunday paper coupon required for pricing.

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9.99 with card Gain Laundry Detergent, 48 or 64 loads.

4.99 with card Bounty Paper Towels, 8 rolls.

3.99 with card Bathroom Tissue or Laundry Products
• 6 double rolls Charmin Bathroom Tissue • Downy Liquid, 40 loads or 80 pk. Sheets • 70 or 80 pk. Bounce Sheets • 10 pk. Tide Stain Release

2/$3 or 1.69 ea. with card Puffs Facial Tissue, 124, 180, 200 or 216 sheets.

.99¢ with card Dawn Dish Liquid, 9 oz.

20% off with card Febreze, Swiffer and Mr. Clean Household Cleaning Products

good at Walgreens with COUPON and CARD

2.99 Nice! Trash Bags, 15 to 35 pk., 13 or 30 gal. Limit 2. No limits in NM. Good Sun. 12/2 thru Sat. 12/8/12

good at Walgreens with COUPON and CARD

2/$3 Reynolds Wrap Aluminum Foil, 30 sq. ft. Limit 2. No limits in NM. Good Sun. 12/2 thru Sat. 12/8/12

*Offer available on in-store purchases. Card and Sunday paper coupon required for pricing.

5.99 with card Viva Paper Towels, 6 rolls.

4.99 with card Household Cleaners
Items shown, plus: Liquid-Plumr, 16 or 17 oz. • Pine-Sol All-Purpose, 40 oz. • Tilex Mold & Mildew, oz. • Clorox Toilet Bowl, 2 pk., oz.

coupon savings
2/$5 with card
$1 less coupon savings on 2 in most Sunday papers!
final cost 2/$4

Ziploc Bags
• 15 to 25 pk. Freezer or Storage • 100 pk. Sandwich • 2 to 5 pk. Containers

free Scrubbing Bubbles One Step or Fresh Brush Refill (3.99 VALUE) with card and purchase below.

7.99 with card Scrubbing Bubbles Toilet Cleaner Kits

balance rewards
buy 2 or more get 1,500 points
Limit 1 get 500 points

4.49 with card Glade Air Fresheners
Items shown plus: Lasting Impressions Refill • Automatic Spray Refill, 6.2 oz. • Plugin Warmer Kit • Scented Oil Candle Holder with 3 Refills

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balance rewards 1,000 points with purchase of participating products below.

12.99 with card Living Solutions™ or Sylvania Appliances
• 3 Cup Food Chopper • 2 Slice Toaster • Single, 5 or 10 Cup Coffee Maker • Steam Iron • Hand Mixer • Single Burner • 5 Cup Rice Cooker • 1.5 qt. Slow Cooker • Hot Pot, 32 oz.

balance rewards 2,000 points with purchase of participating products below.

19.99 with card Living Solutions™ or Sylvania Appliances
• 12 Cup Digital Coffee Maker • Cord Reel Iron • 10 Speed Blender • Personal Blender, 28 oz. • 4 Slice Toaster Oven

9.99 with card Blankets or Pillows • Comfy Critters Hooded Blanket Living Solutions™: Sherpa or Fleece Throw, 50x60 or 60x90 in. • Neck or Memory Foam Pillow

7.99 with card Living Solutions™ Coffee Accessories • 6 piece Stoneware Cappuccino Mug with Rack • Thermal Travel Set • 18 or 24 Cup Coffee Pod Rack *Coffee pods not included.*

9.99 with card Twin Size Air Bed

29.99 with card Queen Size Air Bed

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Advanced Lithium: 4 pk. AA or AAA
• Single 9 volt Max: 8 pk. AA or AAA
• 4 pk. C or D • 2 pk. 9 volt

10.99

with card Duracell Batteries
Coppertop: 16 pk. AA or AAA
Ultra Power: 12 pk. AA or AAA
• **11.99** Coppertop: 4 pk. 9 volt or 8 pk. C or D

50% off

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Motorola Theory.

*Phone type and corner may vary by store. Phones not available in all stores. Prepaid cellular phone card must be same brand as phone provider. Phone and airtime card sold separately. *Shrink reduces your monthly payment by $5/mo. for every $10 on time payments, up to $15/mo. in total.*

9.99

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8GB Memory
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*Discount applies to item(s) of equal or lesser value.
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SINUS PAIN & CONGESTION
ALEVE-D
Advil
Alka-Seltzer Plus
Robitussin
Instant COLD
TWIN PACK
CVS

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Time To Gather

What is a Smurf?

A smurf is someone who buys small quantities of ingredients (e.g., PSE, ice packs, lithium, matches, iodine), from several different locations, in order to manufacture, or more likely, assist in the manufacture of methamphetamine.

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Final Thoughts

Meth Labs are Endangering and Harming our Children

- 30% of all meth labs have children in them
- 35% of children removed from meth lab scenes test positive for meth

Meth Labs are Endangering our Children
Florida

LEPANTO, AR

Lepanto police arrested three people Thursday after reportedly find a working meth lab hidden behind a child's car seat.

January 22, 2016 kait8.com

Meth Labs are Endangering our Children
Florida

4 children escape meth lab fire

FoxTV.com Florida October 27, 2011

Meth Labs are Endangering our Children
Indiana

Police believe a Muncie couple put the lives of hundreds of children – including three of their own – in danger by maintaining a meth lab in their southeast Muncie home near a school and a day care center."

Muncie Star Press December 32, 2011

Police seek person who made meth at SW IND school" Wish TV 8 December 13, 2011

Meth Labs are Endangering our Children

Georgia

Chattooga Co. woman hides meth lab under children's play house

The Summerville News April 16, 2012

Meth Labs are Endangering our Children
Michigan

Meth lab explosion forces five families out of their apartments

Hillsdale.net April 6, 2012, Cambria, Michigan

Meth Labs are Endangering our Children

Missouri

Statewide, there were 547 substantiated reports involving 987 children exposed to meth labs from January 2006 to December 2010, according to the Missouri Department of Social Services. The state took custody of 507 of these children. DSS estimates the state has spent about $3.4 million providing custodial care to children removed from meth homes from August 2005 to December 2010.

News leader.com February 25, 2012

Meth Labs are Harming our Children
Florida

"Meth Lab Baby; A child's fight for life."

FoxTV.com November 13, 2009

Meth Labs are Harming our Children

Tennessee

"Burned toddler found in Chattanooga meth lab"

"A Chattanooga woman has been arrested after police say her 2-year-old was severely burned at the family's residence -- where they also found a collection of meth labs."

Chattanooga Times Free Press February 13, 2012

Meth Labs are Harming our Children
North Carolina

"Sheriff Hubert Peterkin said Thursday his deputies raided a suspected meth operation near the Hoke/Cumberland County line where a 6-month-old child was burned."
February 4, 2011 WTVD Raleigh , N.C.

"In Morgantown, a meth lab was discovered at a day-care center."
www.charlotteobserver.com April 3, 2011

Meth Labs are Harming our Children
Ohio

"Death of Akron toddler called suspicious; police say meth lab found in home."

"Ohio toddler died from ingesting meth"

Akron Beacon Journal Online
February 27, 2012 & March 27, 2012

Meth Labs are Harming our Children

Georgia

GWINNETT COUNTY, Ga.

3 Children Killed, Evidence Of Meth Found In Fire.

Gwinnett County police charged a man with murder after firefighters said they found chemicals related to methamphetamine production in a house fire that killed three children.

Gadailynews.com February 18, 2011

Meth Labs are Harming our Children

Oklahoma

OKLAHOMA CITY

A judge was told Friday that Del City fire investigators found evidence that methamphetamine was made inside the burned motorhome where three young children died.

Tulsa World & Newson6.com January 5, 2011

QUESTIONS

George J. Lutz Jr.
Diversion Investigator

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South Burlington, VT 05403
802-951-2916

Email: George.J.Lutz@usdoj.gov