

METHAMPHETAMINE



D.E.S.I - West

PRESENTATION

METHAMPHETAMINE?

- **SCHEDULE II CONTROLLED SUBSTANCE**
- **POWERFUL CENTRAL NERVOUS SYSTEM STIMULANT**
- **HIGH POTENTIAL FOR ABUSE**
- **PROLONGS PERSON'S ABILITY TO PERFORM THEIR DUTIES**
- **PRODUCED IN CLANDESTINE LABS**









History of Methamphetamine & Amphetamine Timeline

Jan 18, 1887

Amphetamine was first synthesized by German chemist L. Edelean and originally marketed as a stimulant for the treatment of depression.

HISTORY

1919

Methamphetamine, more potent and easy to make, was discovered in Japan

1930's

Amphetamines are first marketed as 'benzedrine' in an over-the-counter inhaler to treat congestion.

1937

Amphetamine is first available in tablet form by prescription for use in the treatment of narcolepsy and ADHD (attention deficit hyperactivity disorder).

World War II

Amphetamine widely distributed to soldiers to help them keep fighting.

1942

Dextro-amphetamine and methamphetamine become commonly available.

1970

Amphetamine becomes illegal with the passage of the 'U.S. Drug Abuse Regulation and Control Act of 1970'.

SLANG TERMS AND STREET NAMES

- *SPEED*
- *CRANK*
- *JUPE*
- *METH*
- *CRYSTAL*
- *ICE*
- *POOR MAN'S COKE*
- *GO FAST*

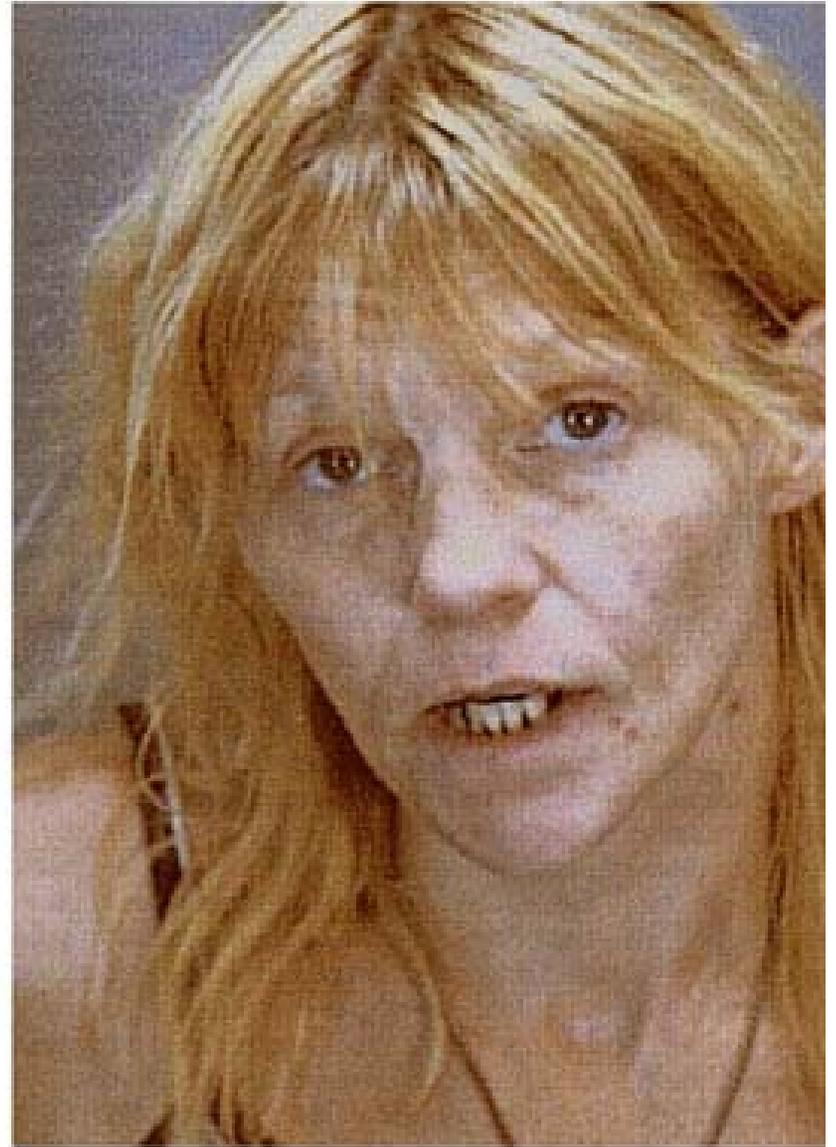
METHODS OF INGESTION

- **INHALED** 3 TO 5 MINUTES
- **INJECTED** 5 TO 10 MINUTES
- **SWALLOWED** 15 TO 20 MINUTES
- **SMOKED** 5 TO 10 MINUTES

- *DURATION OF THE HIGH IS FROM 4 TO 8 HOURS.*



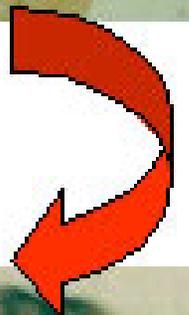
1998



2002



10 Years of Meth Use



METHAMPHETAMINE ABUSE CYCLE

- ***RUSH*** - IS THE EXHILARATION FELT UPON INGESTION. CAN LAST 5 TO 30 MINUTES.
- ***HIGH*** - USER FEELS CONTINUED STIMULATION FOLLOWING THE RUSH. CAN LAST 4 TO 16 HOURS.
- ***BINGE*** - USER CONTINUES THE HIGH BY REPEATED USE, ONCE EFFECTS DIMINISH. THIS MAY CONTINUE FOR 3 TO 15 DAYS.
- ***TWEAKING*** - OCCURS AT THE END OF THE BINGE CYCLE. USER EXPERIENCES PARANOIA AND DEPRESSION, AND MAY EXHIBIT AGGRESSIVE BEHAVIOR. MAY LAST UP TO 24 HOURS.
- ***CRASH*** - AFTER DAYS WITHOUT SLEEP, USER COLLAPSES FROM EXHAUSTION=DEEP SLEEP LASTING 1 TO 3 DAYS.

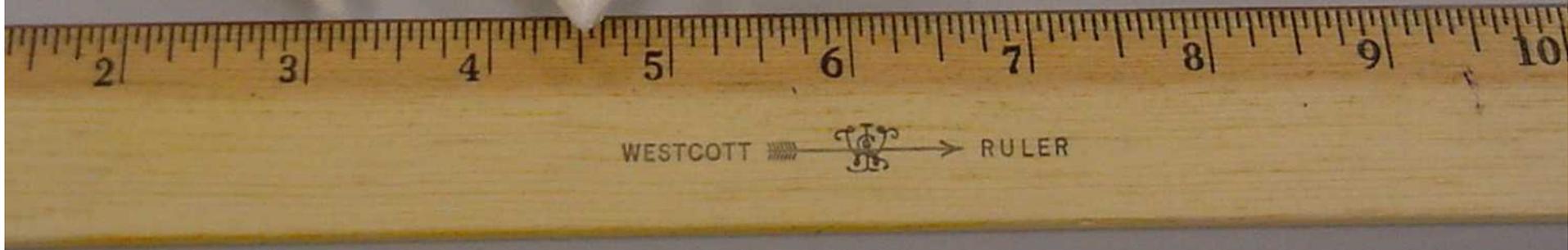


STREET PRICES \$\$\$\$\$\$\$\$\$

- **\$100.00 PER GRAM**
- **\$300.00 PER 1/8 OUNCE (3.5 GRAMS)**
- **\$1,300.00 PER OUNCE**

- **REPORTS FROM THE LOUISVILLE AREA INDICATE PRICES AS HIGH AS \$2,500.00 PER OUNCE**

4 ounces
\$5,300.00



3 1/2 ounces
\$4,500.00





Exhibit 1
IA-03-0059

2.2 pounds "Crystal"
\$114,270.00



LAB LOCATIONS

- Basements
- Recreation Rooms
- Bathrooms
- Garages
- Motels/Hotels
- Houseboats
- Public Lands (Parks)
- Sheds
- Caves
- Camp Sites
- Mobile Homes/Trailers
- Bunkers
- Factories/Warehouses
- Vehicles

HAZARDS AT METHAMPHETAMINE LAB LOCATIONS

- TOXICOLOGY
- CHEMICAL
- **FIRE**
- PHYSICAL
- ENVIRONMENTAL *FOR EVERY POUND OF METHAMPHETAMINE MANUFACTURED, 7 POUNDS OF HAZARDOUS WASTE ARE PRODUCED.*

CLAN LAB ASSUMPTION

CAUTION:
THE SURGEON GENERAL Has
Determined That Doing Just About
Anything, Anytime, Anywhere Can
Be Hazardous to Your Health.

TERMINOLOGY

- **PRECURSOR**
- **REAGENT**
- **SOLVENT**
- **CATALYST**

PRECURSOR

- A raw material that becomes part of the finished product through a chemical reaction. There is one precursor chemical in the methamphetamine manufacturing process.
- ***Ephedrine or Pseudoephedrine***

REAGENT

- A substance that reacts chemically with the Precursor chemical, but does not become part of the finished product.
- *Red P reacts with Hydriodic Acid and Pseudoephedrine to create “Meth in solution”, or Meth base/oil.*
- *NH₃ reacts with Lithium Metal and Pseudoephedrine.*

SOLVENT

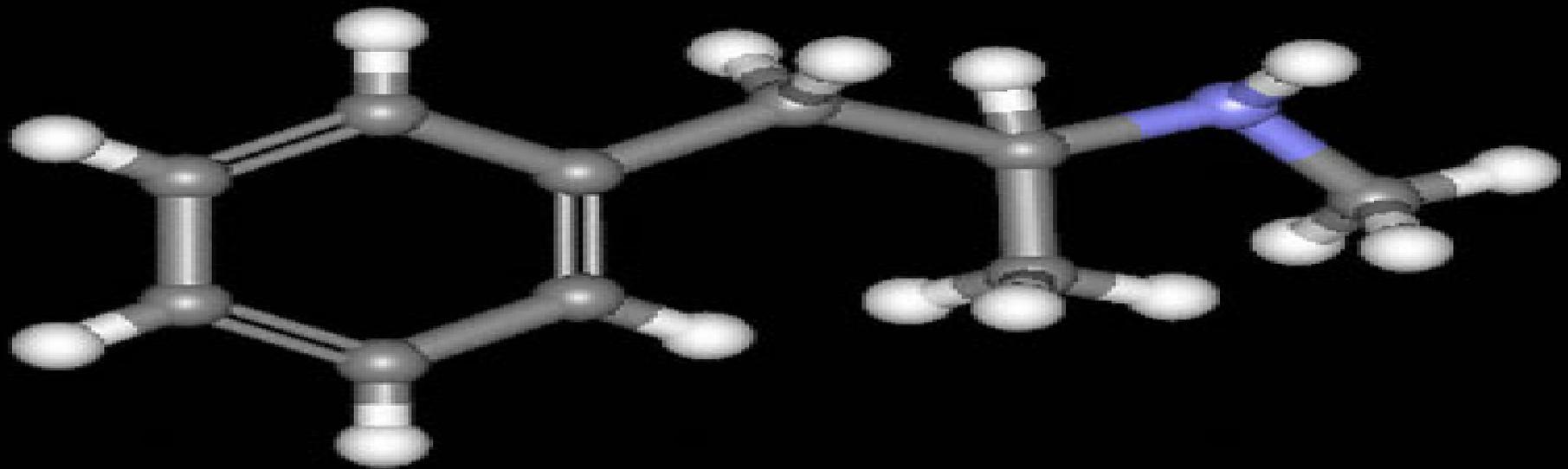
- Do not react chemically w/Precursor or Reagent and does not become part of the finished product. Helps other chemicals mix, separate, cool reactions, and cleans finished product.
- *Ether, Acetone, Methanol, Ethanol, MEK, Isopropyl Alcohol, Coleman Fuel, etc.*

CATALYST

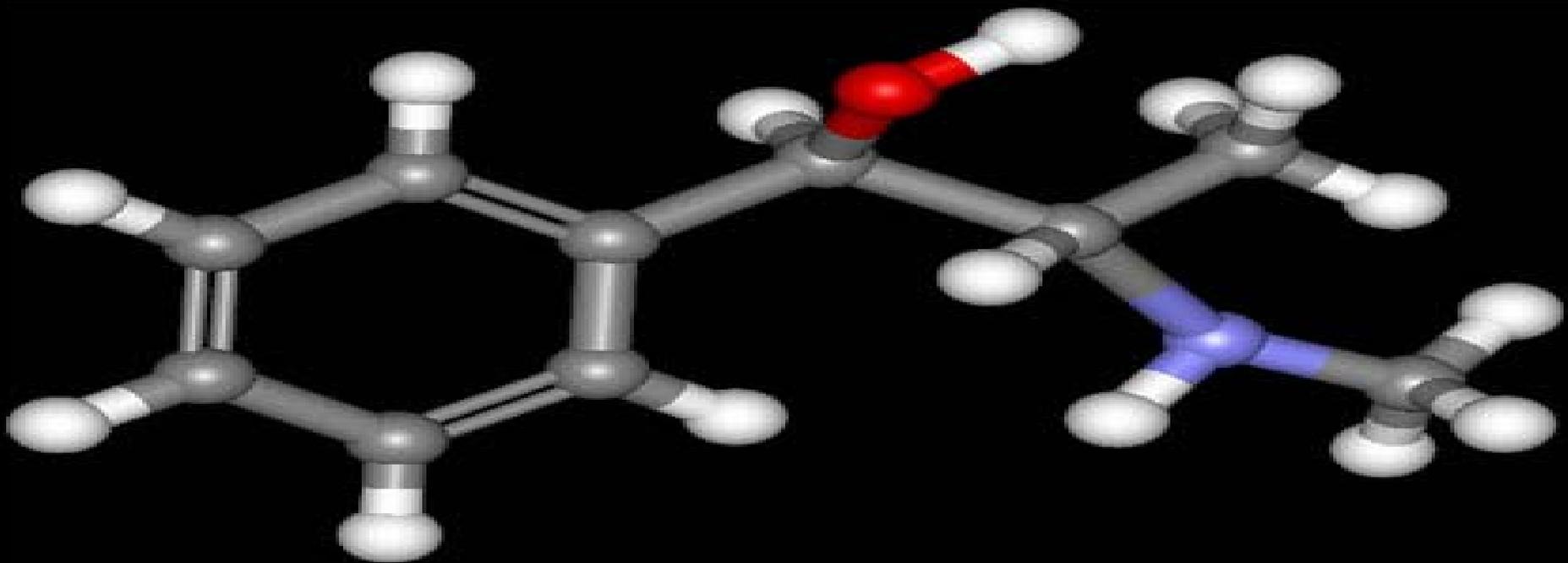
- A Substance that initiates a chemical reaction and/or enables it to proceed under different conditions (at a lower temperature) than otherwise possible.
- *Hydrogen Chloride Gas (HCL Gas)*

Nazi Method

or Ammonia Method



Methamphetamine ($C_{10}H_{15}N$)



Pseudoephedrine ($C_{10}H_{15}NO$)











Meth layer

*Pseudo/Ephedrine
layers*

Ammonia presence







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4B

4A

2003 7 25



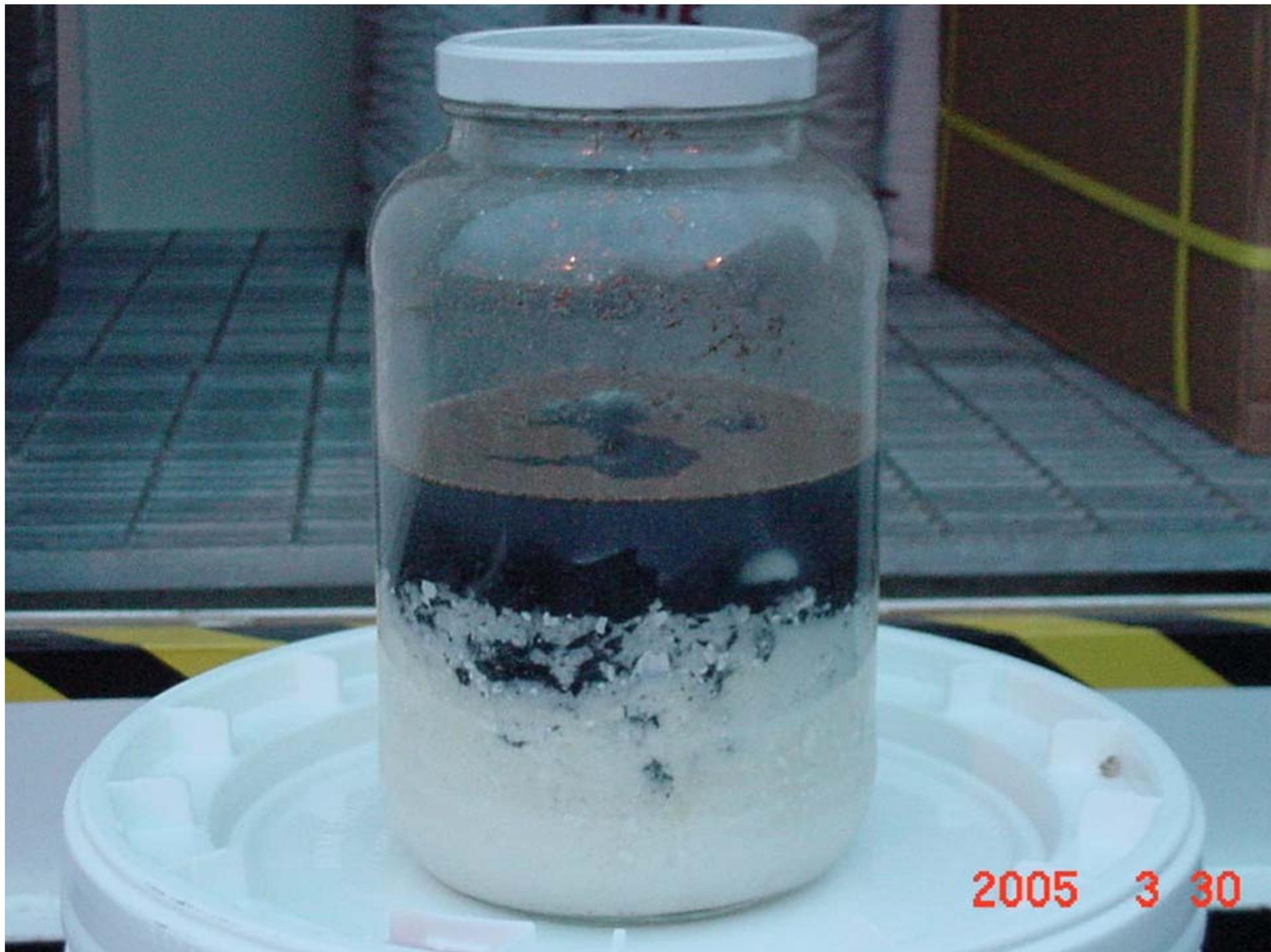




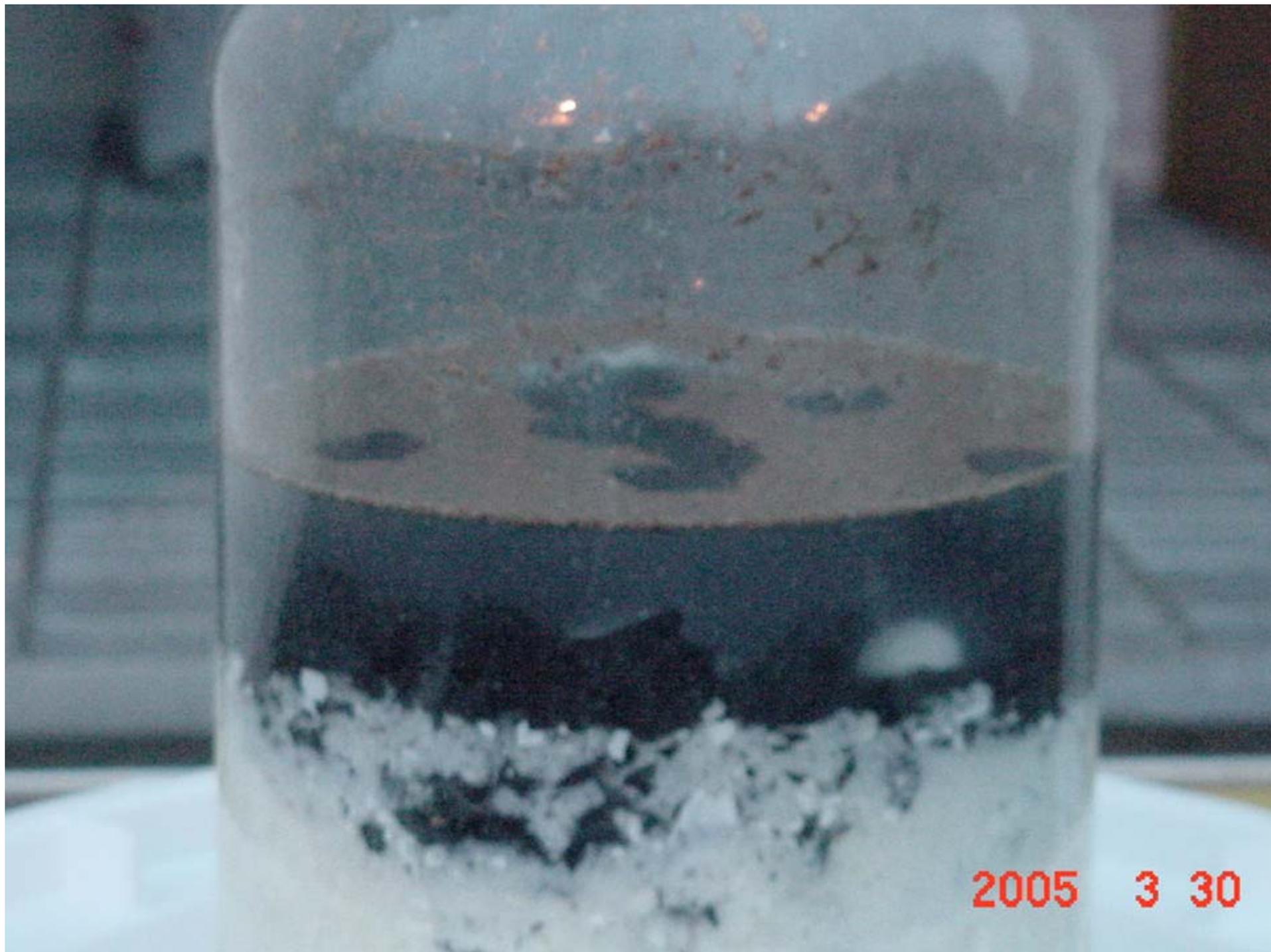
Lithium Metal
"GOLD BALLS"



2005 3 30



2005 3 30



2005 3 30













MURIATIC ACID 20%
HYDROCHLORIC ACID
VAPOR HARMFUL!
POISON
CAUSES SEVERE BURNS-MAY BE FATAL IF SWALLOWED
KEEP OUT OF REACH OF CHILDREN
SEE BACK PANEL CAUTIONS AND FIRST AID
CONTENTS: 1-GALLON (128 FL. OZ.)
PACKAGED BY
ULRICH CHEMICAL, INC.



Guarantee™

\$1

EVERY DAY

COLD & ALLERGY

Nasal Decongestant / Antihistamine
Triprolidine and Pseudoephedrine Hydrochlorides

*Compare to the
active ingredients
of Actifed®

Full Prescription Strength

Relieves:

- Nasal Congestion • Runny Nose
- Sneezing • Itchy, Watery Eyes

Tablet Dose

24 Tablets

Drixoral[®]

NASAL DECONGESTANT

Pseudoephedrine Sulfate

NON-DROWSY
Maximum Strength

Nasal & Sinus Congestion ◀
Due To Colds & Allergies

12 *hour*
***Sustained
Relief***

10 SUSTAINED-ACTION TABLETS



UG

100% SATISFACTION GUARANTEED

Guarantee™

**DOLLAR
GENERAL**

\$1

EVERY DAY

MAXIMUM STRENGTH

NASAL DECONGESTANT

Pseudoephedrine Hydrochloride

Non - Drowsy

Relieves nasal and sinus congestion
due to colds or hay fever

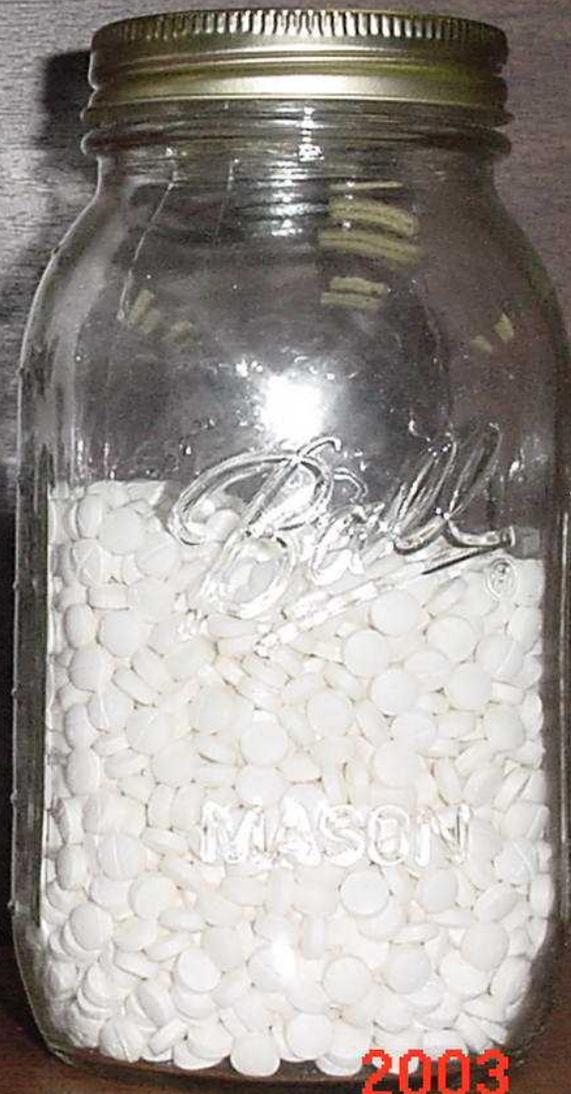
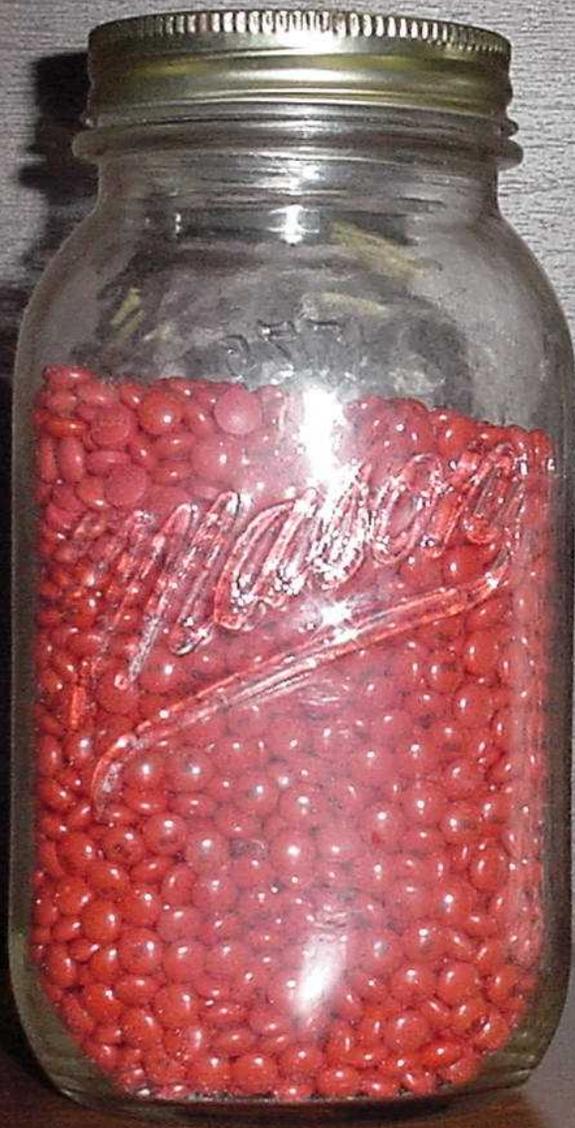
**Compare to the
active ingredient
of Sudafed®*



24 TABLETS 30 mg EACH

Protect from light. (100-779E)





2003 8 11

ANHYDROUS AMMONIA

NH₃

ANHYDROUS AMMONIA?

- *ANHYDROUS - WITHOUT WATER*
- *1 PART NITROGEN/3 PARTS HYDROGEN*
- *AGRICULTURAL FERTILIZER*
- *VERY DANGEROUS CHEMICAL*
- *COMPRESSED INTO A LIQUID*
- *ONCE PRESSURE RELEASED, LIQUID AMMONIA QUICKLY CONVERTS TO A GASEOUS STATE.*

ANHYDROUS AMMONIA?

- *1 GALLON OF LIQUID AMMONIA WILL TURN TO A VAPOR CLOUD THAT IS 5'X5'X5'.*
- *TEMPERATURE OF VAPOR CLOUD CAN RANGE FROM -45 DEGREES TO -100 DEGREES.*
- *FIRST 10 TO 12 FEET OF CLOUD WILL RAPIDLY FREEZE EVERYTHING IT TOUCHES!*

ANHYDROUS AMMONIA?

- *OUTSIDE TEMPERATURE INCREASE WILL INCREASE TEMPERATURE OF LIQUID.*
- *AS TEMPERATURE INCREASES INSIDE THE TANK, THE LIQUID EXPANDS.*
- **FOR EXAMPLE:** *AT 60 DEGREES (F) THE PRESSURE IS 93psi, AT 100 DEGREES (F) THE PRESSURE IS 200psi.*
- **NH₃ BOILS AT -28 DEGREES (F)**



Storage Tank (mother)
30,000 gallons



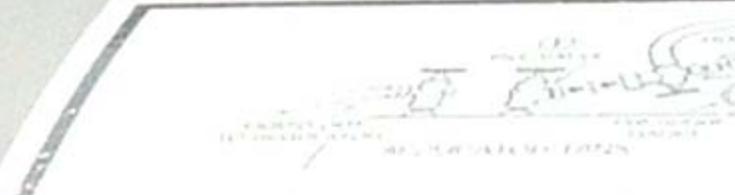
Nurse Tank
1,000 gallons

Target Valves

EMERGENCY FIRST AID
IN CASE OF INJURY BY THIS PRODUCT COME IN CONTACT WITH
EYES OR SKIN—
WASH AREA THOROUGHLY WITH WATER FOR 15 MINUTES.
REMOVING ANY CONTAMINATED CLOTHING
WASHES OR OINTMENTS TO AGENS
AS SOON AS POSSIBLE.

CAUTION
MONOMER (Under Pressure)
CAREFULLY
7. CLOSE VALVES FIRMLY BUT DO NOT "WRENCH."
8. DO NOT PERMIT CHILDREN NEAR THIS

LIQUID
FIXED LIQUID
LEVEL GAGE



TRANSFER INSTRUCTIONS

1. Before using this product, read the instructions on the label and the instructions on the container.
2. Be sure you have the correct size hose and fittings for the product you are using.
3. Monitor not over 10-15 psi. Invert pressure in applicator by adjusting vapor valve or bleed (3)—fill applicator to only 10% of stream by opening of bleed upstream from vapor valve or bleed (3).
4. Immediately close valve (4)—after 30 seconds close valves (3), (2) & (1) in this order.

B. To Disconnect Hose (Not applicable where transfer pumps are used.)

1. Open hose bleed - BE SURE HOLE IS AWAY FROM YOU - and allow to empty.





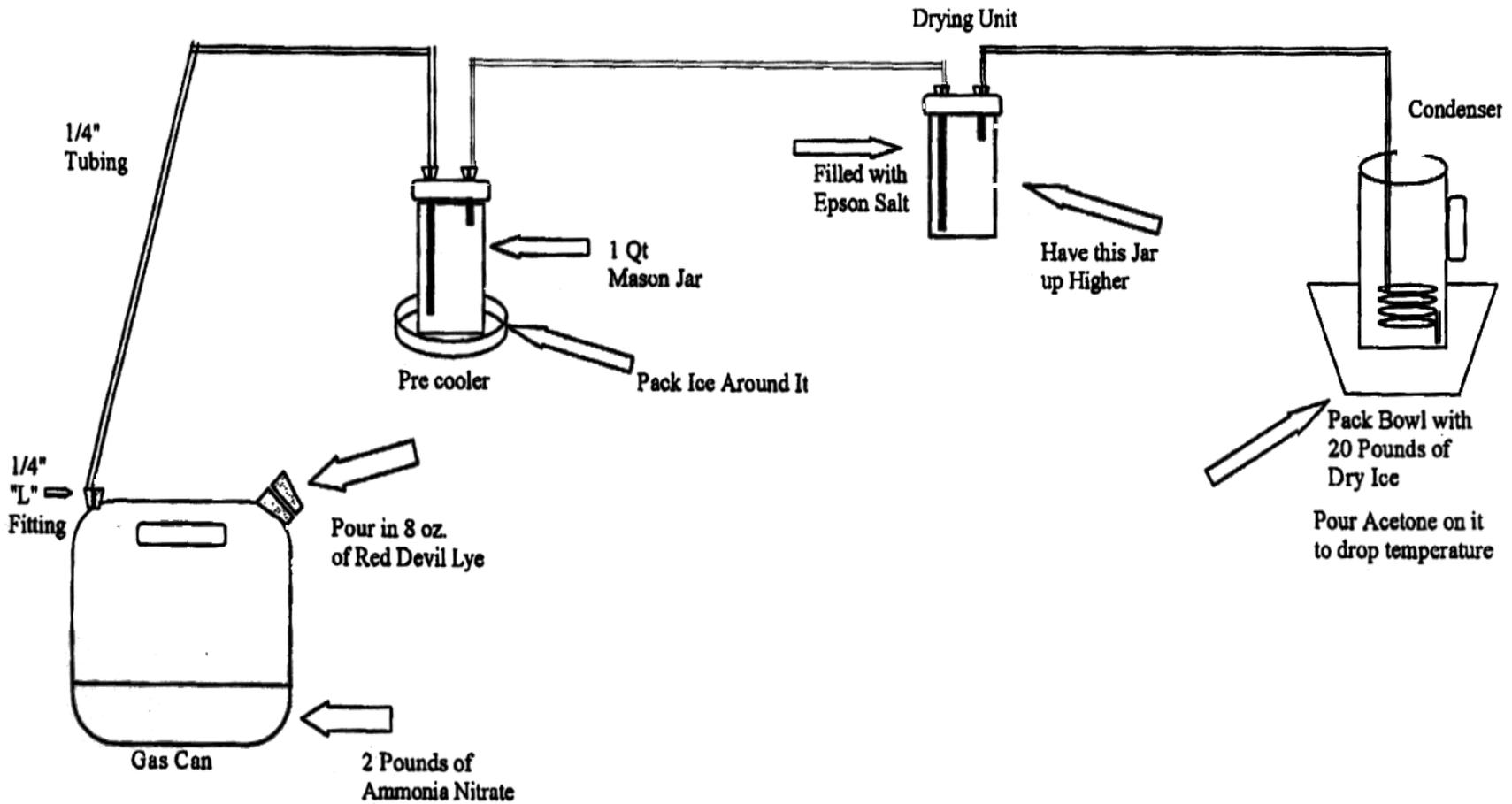


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5-1,000 gallon propane tanks







How to make Anhydrous Ammonia 99.9 % Pure

RED "P"

RED PHOSPHOROUS

Thank You

Thank You

PLEASE WE

WE APPRECIATE YOUR PATRONAGE

Thank You



SMALL BUSINESS VALUE SERVICES INC.











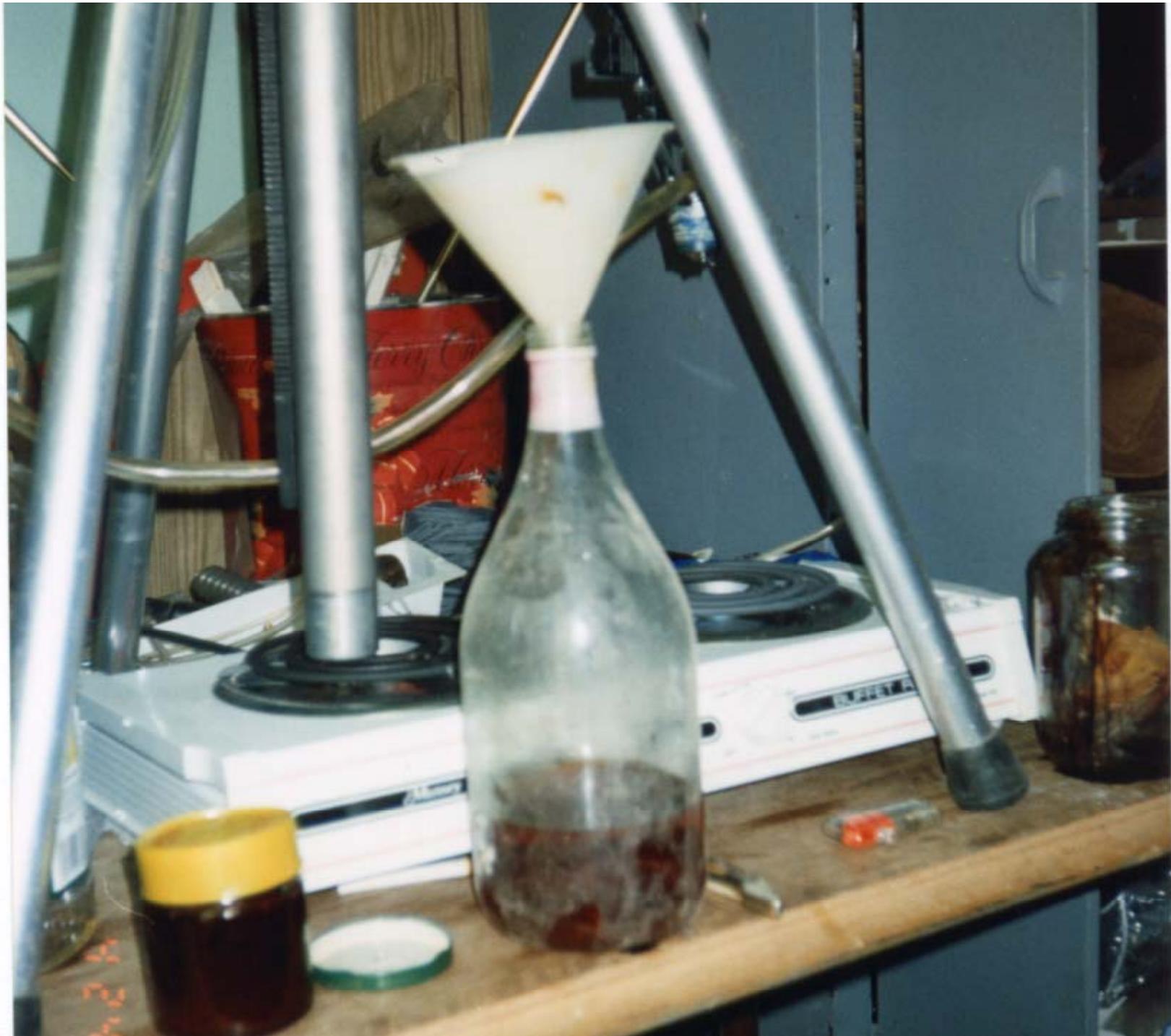








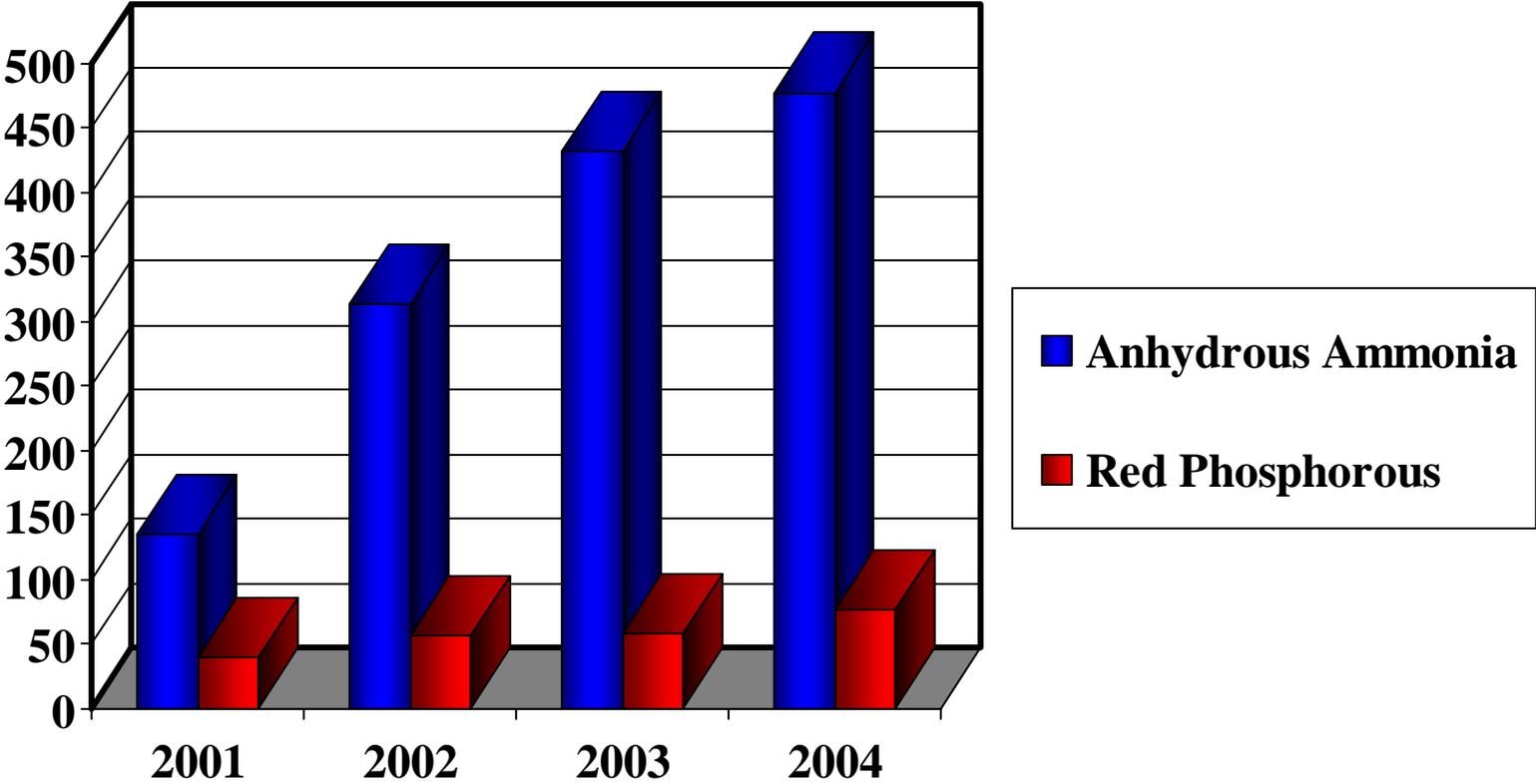






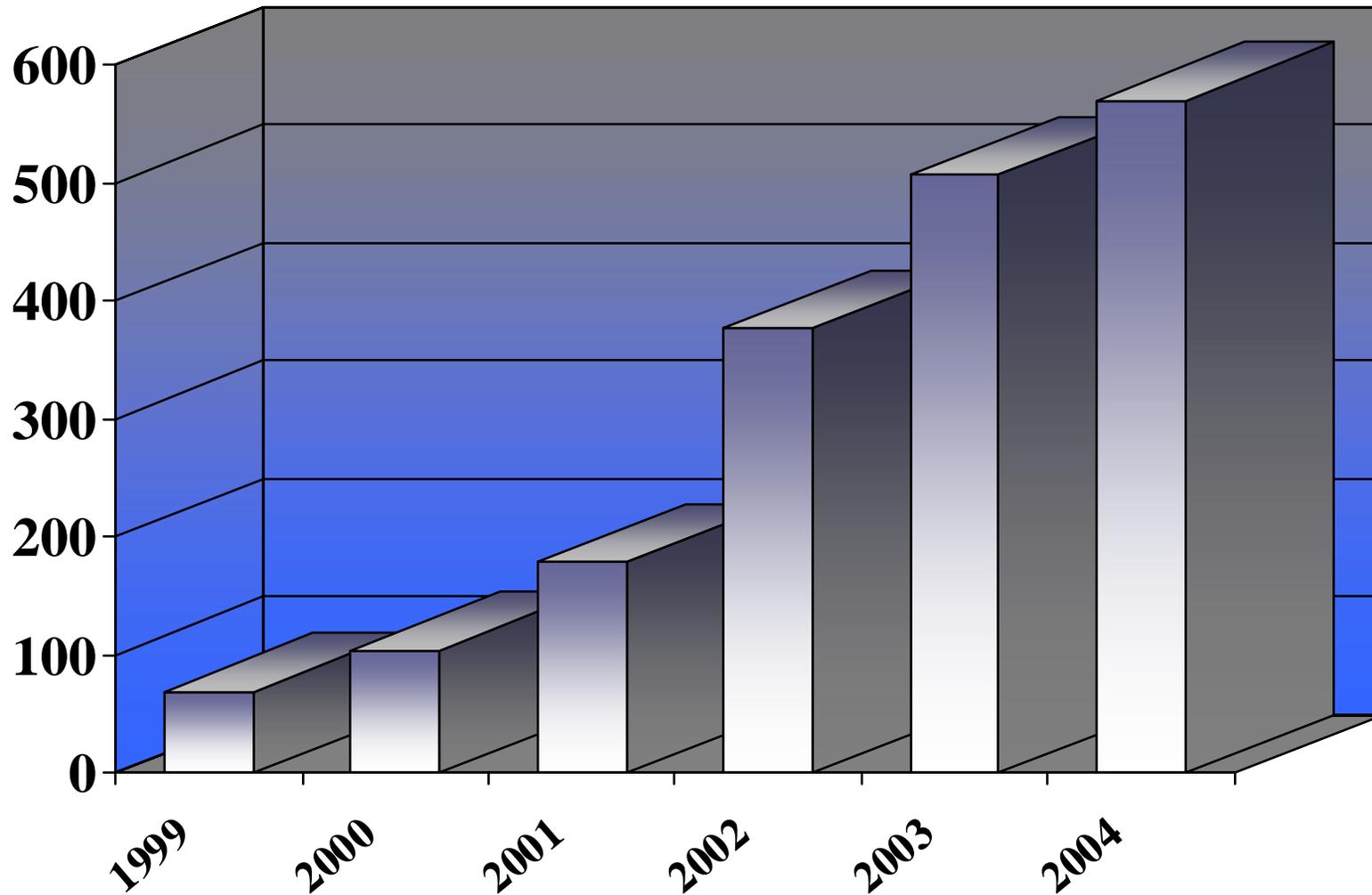


Number of Methamphetamine Laboratories by Manufacture Method



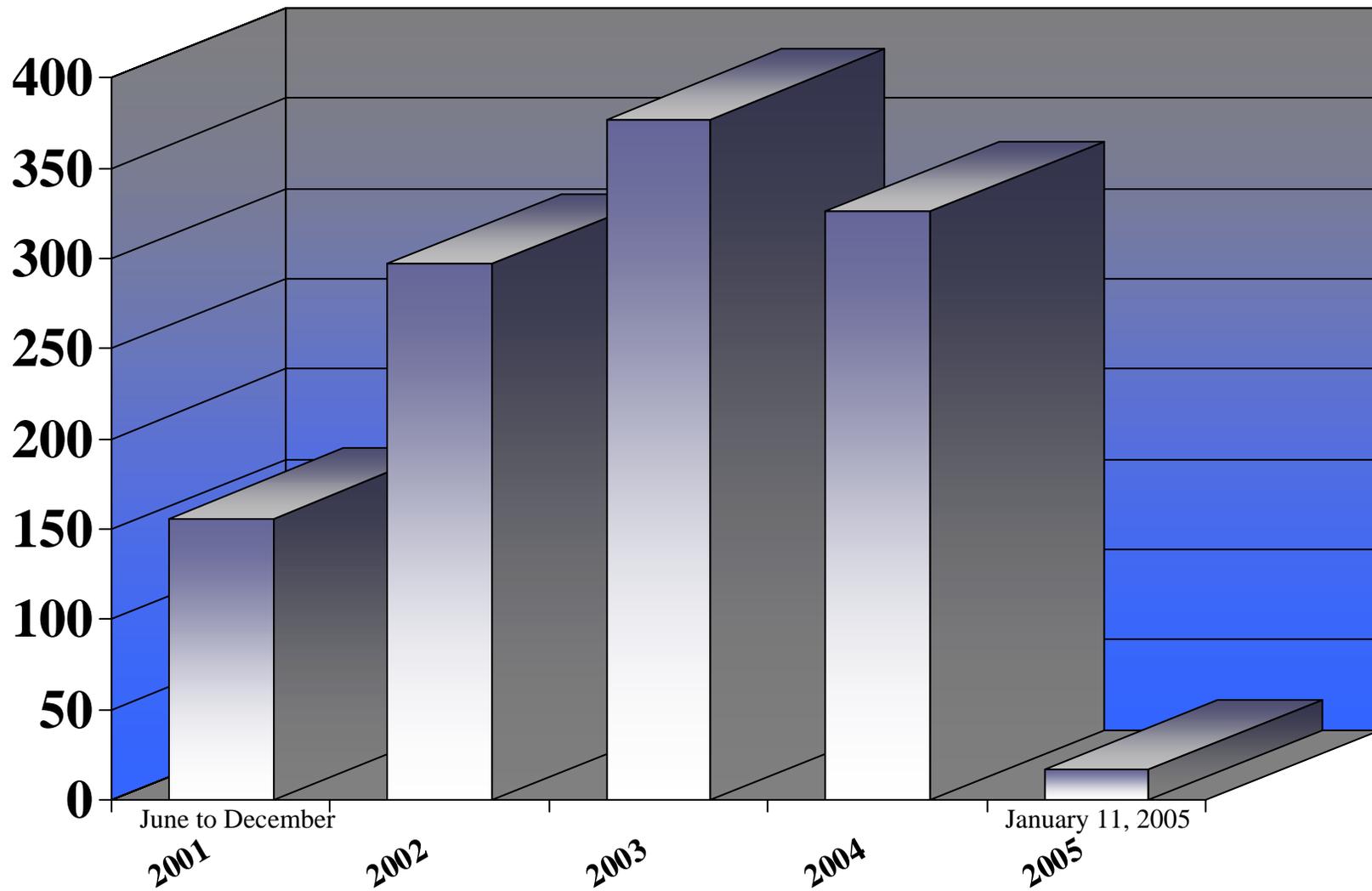
Numbers provided by El Paso Intelligence Center

Number of Methamphetamine Laboratory Responses



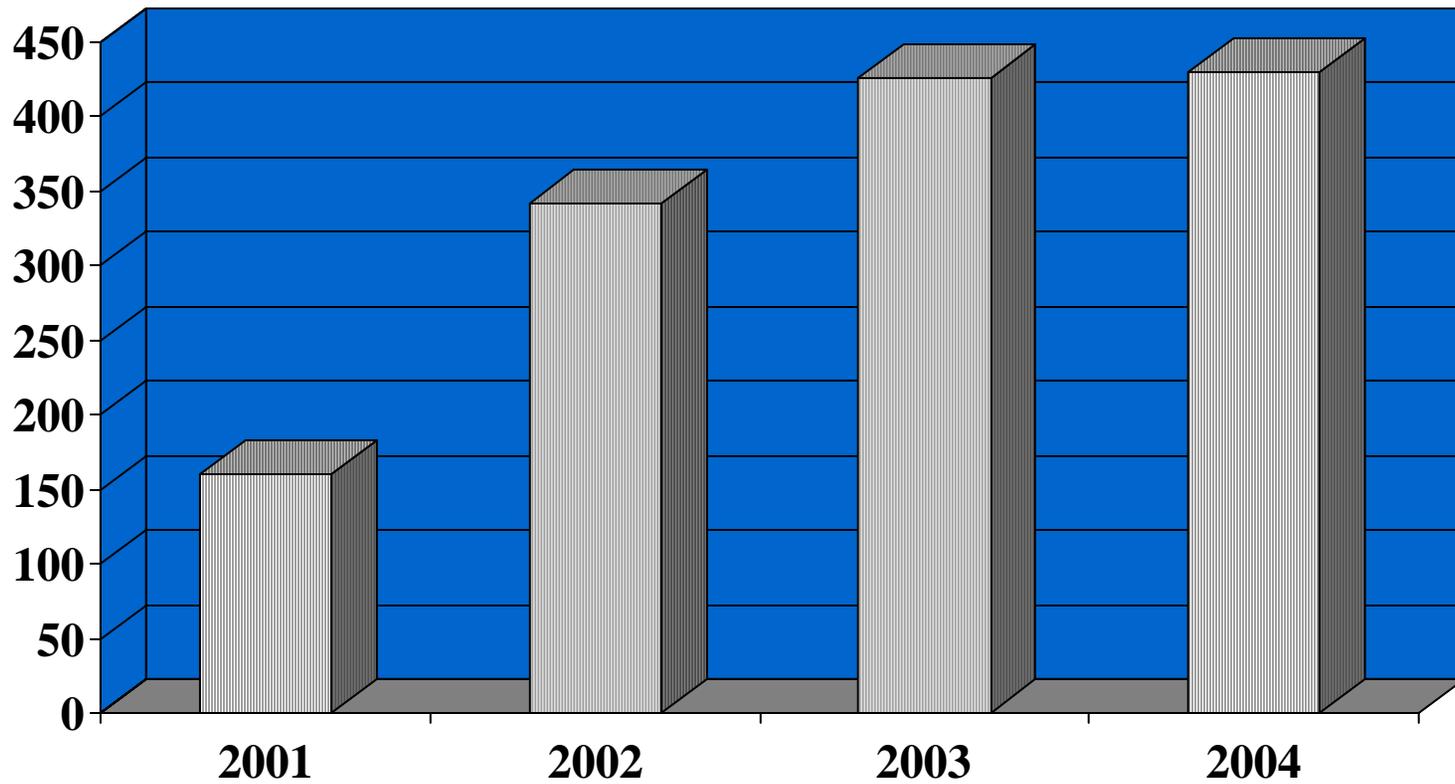
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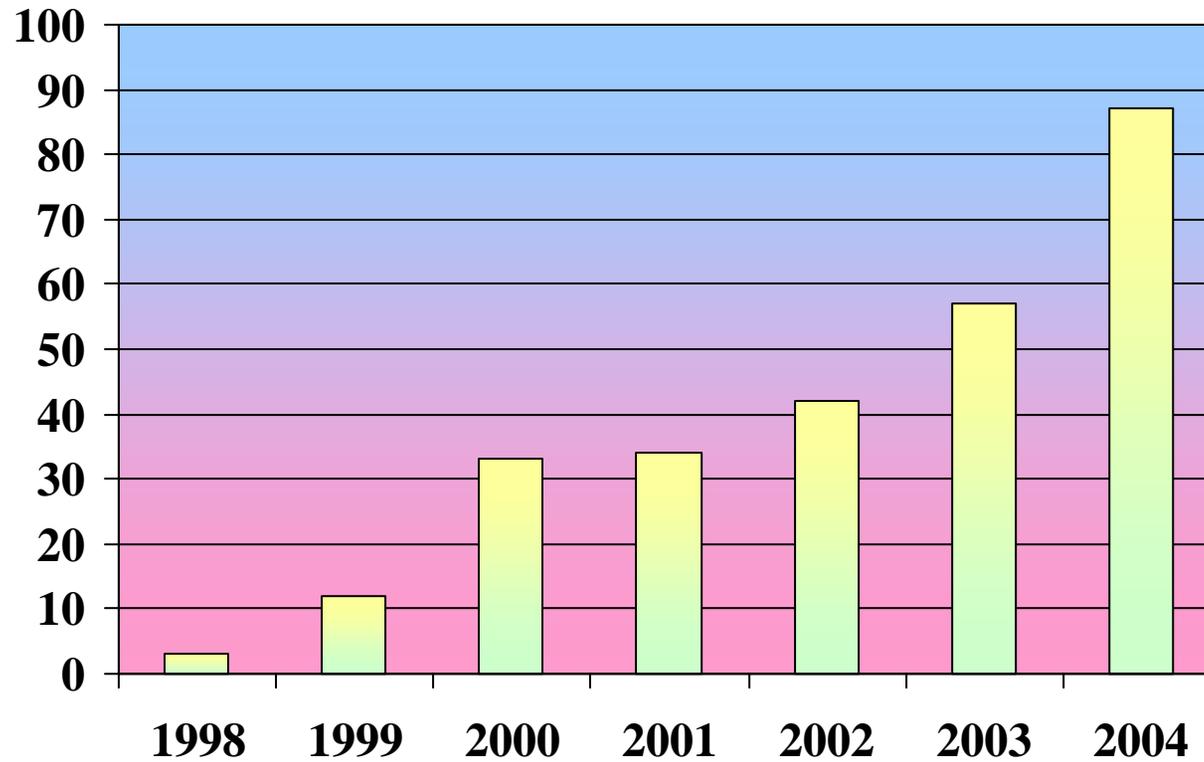
Numbers provided by Kentucky State Police

Number of Methamphetamine Arrests



Numbers provided by El Paso Intelligence Center

Number of Children Involved at Methamphetamine Labs



Numbers provided by El Paso Intelligence Center

CRIMINAL PENALTIES

- **Possession Meth** - *Class D Felony for 1st Offense - 1 to 5 years*
- **Trafficking Meth** - *Class C Felony for 1st Offense - 5 to 10 years*
- **Manufacturing Meth** - *Class B Felony for 1st Offense - 10 to 20 years*
- **Theft/Possession/Tampering w/Anhydrous Ammonia w/Intent to Manufacture Meth** - *Class B Felony 1st Offense - 10 to 20 years*











KENTUCKY STATE POLICE
“THE THIN GREY LINE”

Det. Louis Weber

1-800-222-5555

270-746-7834

270-826-3312