



Technical Note #109

EPA Required Reporting of Clan Lab Chemicals

The EPA requires the DEA to report releases of high levels of hazardous chemicals at clandestine labs.

When the Drug Enforcement Agency (DEA) is called to a suspected clandestine lab site, they must quickly evaluate the safety of the site, including whether there has been a “release” of dangerous chemicals. A “release” is defined by the Environmental Protection Agency (EPA) as “any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing into the environment (including the abandonment or discarding of barrels or containers containing any hazardous substance or pollutant).” When there has been a release, the DEA is required to evaluate the quantity to decide whether it is a “reportable quantity” that they must immediately report by phone to the National Response Center (NRC), State Emergency Response Center (SERC), and the Local Environmental Planning Committee (LEPC). The phone calls must then be followed by a written report within one week.

If the following chemicals are found at clandestine labs in the quantities listed below, they must be reported to the appropriate agencies:

Hazardous Chemical	Quantity
Acetaldehyde	1,000 pounds
Acetamide	100 pounds
Acetic Acid	5,000 pounds
Acetic Anhydride	5,000 pounds
Acetone	5,000 pounds
Acetonitrile	5,000 pounds
Allyl Chloride	1,000 pounds
Ammonia (Anhydrous)	100 pounds
Ammonium Chloride	5,000 pounds
Ammonium Hydroxide	1,000 pounds
Benzene	10 pounds
Benzenesulfonyl Chloride	100 pounds
Benzyl Chloride	100 pounds

Benzyl Cyanide	500 pounds
Bromine	500 pounds
Butylamine	1,000 pounds
Carbon Tetrachloride	10 pounds
Chloroform	10 pounds
Cyanides (Soluble Salts and Complexes)	10 pounds
Cyclohexane	1,000 pounds
Ethyl Acetate	5,000 pounds
Ethyl Ether	100 pounds
Ferric Chloride	1,000 pounds
Formic Acid	5,000 pounds
Hexane	5,000 pounds
Hydrochloric Acid	5,000 pounds
Hydrogen Chloride (Anhydrous)	5,000 pounds
Hydrogen Sulfide	100 pounds
Isosafrole	100 pounds
Lead Acetate	10 pounds
Mercuric Chloride *	500 pounds
Mercuric Nitrate	10 pounds
Mercury	1 pound
Methyl Ethyl Ketone	5,000 pounds
Nitric Acid	1,000 pounds
O-Nitrotoluene	1,000 pounds
O-Toluidine	100 pounds
Perchloroethylene	100 pounds
Phosgene	10 pounds
Phosphine	100 pounds
Phosphoric Acid	5,000 pounds
Phosphorous Pentachloride *	500 pounds

* extremely hazardous material

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Phosphorous Trichloride	1,000 pounds
Phosphorus	1 pound
Phosphorus Trichloride	1,000 pounds
Piperidine and its Salts *	500 pounds
Potassium Cyanide	10 pounds
Potassium Permanganate	100 pounds
Pyridine	1,000 pounds
Sodium Bisulfite	5,000 pounds
Sodium Cyanide	10 pounds
Sulfuric Acid	1,000 pounds
Toluene	1,000 pounds
Vinyl Chloride	1 pound

* extremely hazardous material

Adapted from Drug Enforcement Administration's "Guidelines for Law Enforcement for the Cleanup of Clandestine Drug Laboratories - 2005 Edition", which can be found at the following website:

<http://www.usdoj.gov/dea/resources/redbook.html>

Nextteq Offers Kits to Detect Many Common Clan Lab Chemicals

Nextteq offers two types of kits for detecting the chemicals at clandestine labs: NarcoWipe[®] Kits and Narco AirClear[®] Kits. These kits are intrinsically safe, portable, and ready to use at anytime, anywhere.

The NarcoWipe Kit provides on-the-spot detection of 8 trace chemicals using the patented NarcoWipe design. Direct-reading NarcoWipes enable you to immediately identify contaminants and initiate decontamination and corrective action — no waiting for expensive lab results. Each colorimetric wipe is highly sensitive to a specific chemical including cocaine, methamphetamine, amphetamine, red phosphorous, mercury, iodine, lead, nickel, and many more. The NarcoWipe filters out surface dirt so you can see the color change without any interference. Since the developing solution is applied to the wipe, sample dilution is avoided and highly accurate results are obtained.

The Narco AirClear Kit has a patented sampling design that enables you to simultaneously measure common gases and vapors present during the production of methamphetamine and other illicit drugs. Sampling is complete in less than 3.5 minutes. To minimize costs, the building-block design enables simultaneous testing of 7 specific gases and total organics as

well as sampling for over 150 organics and inorganics. Use anywhere from 1-9 tubes at a time — use only what you need. The pre-calibrated detector tube provides accurate, quantitative results with lower detection limits than the leading competitor.



The Deluxe Narco AirClear Kit contains tubes that detect the following chemicals in the air:

- Acetic Acid
- Ammonia
- Hydrochloric Acid
- Iodine
- Phosgene
- Phosphine
- Total Organics

The Deluxe Narco AirClear Kits
PNs 50150000, 50160000, 50170000,
50180000, 50100000



The Deluxe NarcoWipe Kit contains wipes that detect the following chemicals on surfaces, skin, and in liquids:

- Amphetamine/Methamphetamine
- Methamphetamine
- Iodine
- Lead
- Mercury
- Nickel
- Red Phosphorus
- Acid/Base

The Deluxe NarcoWipe Kit
PN 20002000

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