



UNIVERSITY *of* WEST FLORIDA

UWF Program for
the Management and
Disposal of
Hazardous Waste

2022

Revised January 2022

UWF Department of Environmental
Health and Safety

Table of Contents

Section I: Hazardous Waste Disposal and Management Program	3
Policy:	3
Standards:	3
Responsibility:	3
Definitions:	3
Procedures for Departments Generating Wastes:	4
Routine Contacts for Hazardous Waste Collection or Information	5
DO's and DON'T's	5
Procedures for the Scientific Stores/ Building 58:	6
Procedures for the Department of Environmental Health and Safety (EH&S):	6
Waste Minimization	7
Training	7
Emergency Notifications and Emergency Response	7
Section II: UWF Hazardous Waste ID Label	9
Section III: FDEP Summary of Hazardous Waste Regulations	9
Section IV: Hazard Class Compatibility Charts	13
Example of Potentially Incompatible waste	13
Chemical Storage Groups	15
Appendix A: LIST OF EMERGENCY CONTACTS	16
Appendix B: RCRA Listed Waste (F, U and P List)	17
F Listed Waste	17
P Listed Waste	18
U List	24
Appendix C: TCLP Waste	33
Appendix D: Examples of Hazardous Waste	34
Appendix E: UWF Hazardous Waste Generation Locations	35
Primary Hazardous Waste Generation Locations on Campus	35
Spill Control and Clean-up Equipment	35
Location of Spill Control	35
Appendix F: Additional Information	36

Section I: Hazardous Waste Disposal and Management Program

Policy:

UWF shall take every precaution against hazards normally associated with handling and disposal of hazardous chemicals and wastes to avoid human and environmental exposure. The University is a *Small Quantity Generator* (EPA ID #FLD0503000709) of hazardous waste and is thereby required to comply with Federal and State regulations governing the management and disposal of hazardous wastes. These regulations mandate that the University determine if any given waste is hazardous, and if so, manage and dispose of that waste strictly in compliance with applicable standards.

Standards:

Chapter 403.704 and 403.721, Florida Statutes, and Chapter 62-730, Florida Administrative Codes, Rules of the Department of Environmental Protection (DEP); Title 40, Code of Federal Regulations, Chapters 260 - 271. The DEP regulates hazardous wastes from the point of generation to disposal. A fine of up to \$37,500 per day per violation is authorized to be levied against violators of transportation, treatment, storage or disposal requirements during an enforcement action. Knowingly or repeatedly violating these rules or endangering another person can result in criminal imprisonment from 5 - 15 years and/or monetary fines from \$50,000 to \$1,000,000 per day per violation.

Responsibility:

The President of the University has the ultimate responsibility to insure that hazardous wastes and materials are properly managed. That responsibility has been delegated, via appropriate vice presidents, deans, and departmental chairs to insure that all users of hazardous materials properly manage hazardous wastes generated by their operations.

It shall be the responsibility of the departmental supervisor, instructor, principal investigator and/or laboratory supervisor to ensure the proper management, and storage of all hazardous wastes generated by their respective department, laboratory, or research operation.

The instructor, principle investigator, laboratory supervisor, or other departmental supervisor shall ensure that all hazardous wastes are identified at the point of generation and properly labeled and dated.

The Department of Environmental Health and Safety (EH&S) shall insure that hazardous wastes are collected from various generators in a timely manner, verify appropriate identification and labeling information, provide appropriate temporary storage, and arrange for transportation and disposal of the waste in a safe and legal manner.

Definitions:

- **Solid Waste:** For purposes of this program, a solid waste may be any solid, liquid, or containerized gas which no longer has an appropriate and legal intended use for the University. For a legal definition, refer to the Federal Solid Waste Disposal Act (SWDA).
- **Hazardous Waste:** Any solid waste (as defined by the Federal Solid Waste Disposal Act) which possess hazardous characteristics, including flammability, corrosivity, reactivity, or toxic characteristics (TCLP) as defined by the Code of Federal Regulations (40 CFR 261).

- **Acutely Hazardous Waste:** Wastes listed in 40 CFR 261.33(e) often referred to as the "P" Listed wastes. Refer to Appendix B.
- **"Listed Hazardous Waste":** Any chemical or product as listed in 40 CFR 261.31 - 261.33. Listed wastes are often referred to as "D", "F", "K", "U", and "P" wastes. Refer to Appendix B.
- **Flammable Characteristic Waste:** Any waste with a flash point of less than 140F (60C). Common flammable materials include acetone, toluene, methanol, ethers, isopropanol, duplicating fluids, rubber cement glue, paint thinner or mineral spirits, oil based paints and stains, rubbing alcohol, nail polish remover, many aerosol containers such as spray paints and adhesives, and solvent-soaked rags.
- **Corrosive Characteristic Waste:** .Any liquid waste which has a pH of less than 2 (acidic) or greater than 12.5 (basic), or corrodes steel at a rate specified by EPA. Corrosive wastes may include, sulfuric acid, hydrochloric acid (muriatic acid), sodium hydroxide, drain openers (Drano) and products which contain strong acids or bases, which include many cleaning products.
- **Reactive Characteristic Waste:** Any waste which is unstable, can readily undergo a violent change, reacts violently with water, is capable of detonation or explosive reaction, or contains sulfides or cyanides that have the potential for generating toxic fumes or vapors. Examples of reactive wastes include sodium and potassium metal, dry picric acid, compounds that form explosive peroxides, and cyanide plating operations.
- **Toxic Characteristic Waste (TCLP):** A waste identified through an EPA method (Toxic Characteristic Leachate Procedure) that has the potential of forming a leachate that may cause groundwater contamination. If any product contains a constituent greater than a specified concentration as determined by the TCLP, it is a hazardous waste. Examples are products that contain benzene (petroleum based products), cadmium (NI-CA batteries), lead (lead batteries and lead paints), silver (spent photofixer, silver nitrate), chromium, mercury (mercury batteries, fluorescent lights), etc. Refer to Appendix C.
- **Storage Area:** Area in which hazardous wastes are temporally stored for up to 180 days while awaiting transport to a licensed disposal facility. This is a regulated area in which all containers must be labeled, dated, and inspected weekly.
- **Satellite Accumulation Area:** A temporary storage and collection area of hazardous waste, near the point of generation, which is under direct control of the person or operator generating the waste. Waste in an approved satellite accumulation area is exempt from the 180 day time limit if other requirements are met. (NOTE: Subject to considerable interpretation and constraints by various regulators).
- **Small-Quantity Generator (SQG):** A generator of hazardous waste who generates between 100 kg and 1000 kg of waste (or less than 1 kg of acutely hazardous waste) in a calendar month. An SQG cannot have greater than 6000 kg of hazardous waste in storage at one time.
- **Large-Quantity Generator (LQG):** A generator of hazardous waste who generates greater than 1000 kg (or greater than 1 kg of acutely hazardous waste per month).

Procedures for Departments Generating Wastes:

All hazardous waste shall be identified at the source. A material does not become a waste until it can no longer be used for its intended purpose. The words HAZARDOUS WASTE must be present on each container.

- The Department of EH&S will provide appropriate labels for the identification of hazardous wastes. See Section IV.

- Insure that hazardous wastes are collected in appropriate containers which are compatible with the waste and can be tightly capped. **Do not use milk jugs or water bottles to store chemicals.**
- All hazardous waste shall be clearly labeled with all known constituents. Be sure to include both the solvent(s) and solute(s). Particular emphasis shall be placed on identifying listed and characteristic components.
- Hazardous Waste shall be stored in dedicated, secure, and safe location within the generating area. Waste shall not be placed in a location subject to accidental breakage or spillage.
- In order to comply with 40CFR265.177(c), hazardous wastes shall be segregated by a physical barrier according to hazard class, from the point of generation. Specifically, the following must be physically separate at all times by a barrier or sufficient distance: acids; bases; flammables; oxidizers; reactives. A barrier has been determined by DEP to be a cabinet, flammable storage cabinet, or a secondary containment capable of being sealed (i.e. container with a lid). Reference Section VI for compatibility charts.
- Do not put a date in the STORAGE DATE location. The storage date will be completed when the container is moved from the generation point to the storage location.
- Complete the other information requested on the label including department and/or research group, name of individual/researcher/supervisor providing the information, and a phone number.
- Contact the Department of EH&S when a container has been filled or a particular project generating waste has been completed. A waste pickup can be requested via [JIRA](#) or the following link: <https://jira.uwf.edu/servicedesk/customer/portal/48/create/375>

Routine Contacts for Hazardous Waste Collection or Information

Derek Krepp, Environmental Coordinator Department
EH&S 857-6221, email dkrepp@uwf.edu

Michael Cobb, Interim Director Department EH&S
474-2435, email: mcobb1@uwf.edu

DO's and DON'T's

- **Do** call the Department of EH&S if you have any questions on how to manage a particular substance.
- **Do** use an appropriate size container for the waste generated. Under filled containers cost the same to dispose as a filled one.
- **Do** write legibly on the label with permanent ink. Write out chemical name(s) of the components. Avoid using chemical formulas. Please do not use water based felt tip markers.
- **Do** keep all organic and inorganic mercury compounds separate from other materials. Contact EH&S if a procedure uses mercuric compounds or generates a hazardous waste containing mercuric compounds.
- **Do not** mix metallic mercury (Hg) with any other chemicals.

- **Do not** mix radioactive materials with any hazardous waste.
- **Do not** mix biohazardous materials with any hazardous waste.
- **Do not** mix incompatible materials together. If unsure of any particular combinations, use a separate container.
- **Do not** store incompatible hazardous waste materials in the same cabinet, fume hood.
- **Do not** overfill containers. Leave approximately a one to two inch air space at the top of the container. Over filled containers of volatile organics pressurize and leak in storage. Leaking containers are a violation of hazardous waste regulations and also eradicate the ink on labels.

Procedures for the Scientific Stores/ Building 58:

1. All procedures listed in Section I above shall be followed.
2. Scientific Stores shall be responsible for managing hazardous waste from all Teaching Laboratories in Building 58.
3. Each teaching laboratory shall be considered a satellite accumulation area.
4. Hazardous waste containers from Teaching Laboratories shall be collected by Scientific Stores personnel when full or when a given procedure is complete.
5. The STORAGE DATE shall be completed on each container when removed from the laboratory (i.e. the Satellite Accumulation Area).
6. Containers shall be stored temporarily in a dedicated storage area of Building 58/Room 31 until collected by EH&S. Containers in this area may be stored for up to 180 days, however, typically will not be stored for greater than 30 days. All state and federal regulations governing Hazardous Waste Storage Areas are applicable in this area.

Procedures for the Department of Environmental Health and Safety (EH&S):

The EH&S Department shall collect hazardous wastes from generating departments periodically as needed or requested by the generating department.

The EH&S Department shall verify label information including contents, generating department, hazard classification, and storage date. Any incomplete information will be obtained from the generator prior to collection and removal from the area.

All hazardous waste collected by the EH&S Department will be taken to the hazardous waste storage building and stored up to 180 days.

Every waste container shall be identified with the words HAZARDOUS WASTE.

A data base shall be maintained including the chemical identity, ID number, generating department, quantity of material, dates of storage and collection.

The EH&S Department shall maintain a contract with a licensed hazardous waste transporter and disposal contractor to legally and properly dispose of hazardous wastes generated by the University. All hazardous waste shall be collected by the licensed contractor and removed from campus within 180 days of the storage date. All hazardous waste shall be packaged, labeled, manifested, and transported as required by applicable EPA, DOT, and state DEP regulations.

Waste Minimization

Waste minimization is federally mandated for hazardous waste generators. Each department of UWF shall take reasonable and appropriate actions to minimize the amount of hazardous waste generated by their operations, teaching, and research. Waste minimization techniques shall include, but are not limited to:

1. Eliminate the waste generating process - Change or modify a process so that a hazardous waste is not produced. For example, use a computer program or model demonstration.
2. Substitute a non-hazardous or less hazardous material. Use surfactant cleaning compounds instead of chromic acid; use non-formaldehyde based fixatives, purchase formaldehyde-free preserved specimens, use non-hazardous scintillation fluids, use water-based latex paints and stains in place of oil based paints, stains, and solvents, etc.
3. Purchase small quantities/only purchase what you need - Remember that the cost of disposal often exceeds the purchase price. Check with other labs or the Stockroom to see if they may have what is needed. Do not purchase large quantities of materials because they are less expensive per unit volume.
4. Use less material - Reduce the scale of procedures or process.
5. Reuse and recycle materials where practical.

Training

State and Federal regulations {40 CFR 262.34(a)(4) and 265.16} require that training be provided to all individuals who handle or generate hazardous waste.

Training shall be provided to all faculty, staff, and OPS student assistants performing activities which generate or potentially generate a hazardous waste.

Safety training will be provided by the Department of EH&S

Hazardous waste training provided by other facilities or recognized organizations (eg. University of Florida TREEO Center, Georgia Tech Continuing Education) will be evaluated on a case by case basis to determine if required topics have been covered. However, in all cases, individuals must be trained in specific procedures used by the University.

Training topics to be covered will include at a minimum the following:

- a. Standard operating procedures and safety evaluations.
- b. Hazardous waste identification and classification.
- c. Proper labeling.
- d. Proper containers, segregation, and storage within generating areas.
- e. Emergency procedures and spill response.
- f. Penalties for non-compliance.

Emergency Notifications and Emergency Response

State and Federal regulations {40 CFR 262.34(d)(4)} require that the University develop and maintain an Emergency Response Plan to address spills, fires and other emergencies associated with hazardous waste.

An emergency contact shall be appointed who has authority to take appropriate action and is on call 24 hours per day. The Emergency contact for the University is the Director of EH&S. A list of other contacts and phone numbers can be found in Appendix A.

Spills and releases of certain chemicals in excess of their Reportable Quantities (RQ) requires immediate notification of the National Response Center (1-800-424-8802) and the State Warning Point (904-413-9911 or 1-800-320-0519). A list of chemicals and their RQ's is available from the Department of EH&S. The Director of EH&S or other designee should be contacted immediately if a RQ of a substance has been spilled or released.

Spills of laboratory-quantities occur on occasion. In most cases these spills can and should be handled by laboratory personnel in a safe manner. Spilled materials and absorbents must be handled as a hazardous waste if applicable criteria is met.

Spills that cannot be handled safely by laboratory personnel should be referred to the Department of EH&S. In most cases, laboratory spills can be contained and absorbed with equipment in-house.

Spills of large quantities, extremely hazardous substances, or any spill that is an immediate threat to personal safety or the environment shall be handled through the Emergency Notification System. That system shall be activated as follows:

- a. Contact Campus Emergency at x2911. Inform them of the exact situation, chemicals and quantities involved, and the location.
- b. Campus Police shall contact the Escambia County Emergency Notification System via a direct line who will notify Ferry Pass Fire Department, EMS, and DEP Emergency Response. Campus Police will also contact the Director of EH&S or designee and other personnel as described in the UWF Emergency Action Plan.
- c. The Director of EH&S or designee will determine if RQ's have been exceeded and make appropriate notification to the State Warning Point and the National Response Center.

Section II: UWF Hazardous Waste ID Label

HAZARDOUS WASTE The University of West Florida EPA ID #FLD053000709		
CHEMICAL COMPOSITION: _____ _____ _____		
Labeled by _____ Department _____ Building/Room _____ Phone _____ Storage Date _____		
CALL SLIP:		
HAZARDOUS CLASS:	STORAGE CODE: _____	
<input type="checkbox"/> FLAMMABLE	<input type="checkbox"/> REACTIVE	<input type="checkbox"/> OTHER EXPLAIN: _____
<input type="checkbox"/> OXIDIZER	<input type="checkbox"/> CORROSIVE	_____
<input type="checkbox"/> TOXIC	<input type="checkbox"/> NON-HAZARDOUS	_____
ENVIRONMENTAL HEALTH & SAFETY		Ext 2525 or 6221

Section III: FDEP Summary of Hazardous Waste Regulations

SUMMARY OF HAZARDOUS WASTE REGULATIONS

This summary is to assist hazardous waste handlers in complying with federal and State of Florida regulations. Most of the following regulations have been in effect since November 19, 1980. Florida has adopted and incorporated portions of Title 40 Code of Federal Regulations (CFR) Parts 260-270 and 273 into its Florida Administrative Code (F.A.C.) as Chapter 62-730. In some instances, Chapter 62-730, F.A.C., contains more detail than the CFR as promulgated by the U.S. Environmental Protection Agency (EPA).

Hazardous wastes (HW) are wastes listed in 40 CFR Part 261, Subpart D as hazardous or they are wastes characterized in 40 CFR Part 261, Subpart C as hazardous by exhibiting one of four characteristics: ignitability (i.e., an oxidizer or flash point < 140°F), corrosivity (i.e., pH < 2 or > 12.5), reactivity, or toxicity.

A hazardous waste determination must be made of any waste material generated (§262.11). If the material is hazardous, then it must be recycled, treated, stored, or disposed at a HW facility authorized by DEP, EPA or another state. HW cannot be disposed on or in the ground, or in local landfills, septic tanks, or injection wells. Also, regardless of quantity, the generator of HW is ultimately responsible for the waste from "cradle to grave", and can be held liable for improper

management of HW even though it may have been sent to an authorized HW management facility using a licensed transporter authorized by DEP.

Claims that material is not a waste or is exempt from must be documented. [Rule 62-730.030(4), F.A.C.] In addition, generators must keep records of HW generated that were subsequently managed pursuant to an exclusion. This includes wastes that were generated, accumulated and then disposed of in a wastewater treatment pretreatment unit or unit subject to the Clean Water Act.

A copy of the federal hazardous waste regulations (40 CFR Parts 260-268) can be obtained from public, college or law libraries; EPA Region 4, Atlanta Federal Center, 61 Forsyth Street, S.W., Atlanta, Georgia 30303-3104 (404/562-8579); the U.S. Government Printing Office, Washington, D.C. 20402; or the U.S. Government Printing Office, 100 West Bay Street, Suite 100, Jacksonville, Florida 32202 (904/353-0569). They are also available online at <http://www.gpoaccess.gov/cfr/index.html>. Copies of Chapter 62-730, F.A.C. may be obtained from the Department of Environmental Protection (DEP) at: http://www.dep.state.fl.us/waste/quick_topics/rules/default.htm.

This handout is based on DEP's understanding of the HW regulations. It should be read in conjunction with (and not as a substitute for) the federal and state HW regulations. This summary includes the principal components of the HW regulations. Requirements may change because of amendments to the regulations, new interpretations or guidance from EPA or DEP, judicial rulings, etc.

Ultimately, it is the facility's responsibility to stay current with the HW regulations and be in compliance with all applicable environmental regulations. Failure to meet the applicable rules may subject facilities to more stringent standards. For example, small quantity generators (SQGs) dumping HW illegally not only become subject to disposal facility standards but will also be subject to enforcement actions. DEP has an agreement with EPA that mandates the assessment of penalties for violations of the Resource Conservation and Recovery Act (RCRA) requirements.

Many local governments have regulations and ordinances regarding the management of hazardous materials and/or wastes. Please check with those agencies for information on local requirements. New regulations may be adopted by EPA and become effective in Florida prior to adoption by DEP. For information and copies of new regulations, go to: <http://www.epa.gov/epaoswer/osw/comments.htm>.

LAND DISPOSAL RESTRICTIONS

As of May 8, 1990, most hazardous wastes must be treated to meet Land Disposal Restriction (LDR) Universal Treatment Standards (UTS) prior to disposal in permitted hazardous waste landfills or surface impoundments. The LDR rule prohibits the dilution of restricted wastes as a substitute for effective adequate treatment.

Before treating a HW or disposing of it off site, the generator must determine whether the waste is subject to the LDR rules, what hazardous constituent levels are in the waste, and whether the waste must be treated or already meets the applicable treatment standard or prohibition level upon generation.

Generators who treat hazardous waste on site in tanks or containers under 40 CFR§262.34 must develop and follow a written waste analysis plan. The plan must be based on a detailed

chemical and physical analysis of the waste. Records must be kept documenting treatment. Listed hazardous wastes must still be disposed of at a permitted hazardous waste landfill after treatment.

For the initial shipment of a HW shipped off site, the generator must notify treatment, storage and disposal facilities (TSDFs) of the nature and hazardous constituents of each HW shipped. The written generator notice must include:

- a) The initial manifest document number and all applicable EPA hazardous waste number(s) and treatability groups (See 40 CFR §268.40);
- b) A list of the hazardous constituents that must be treated;
- c) Waste analysis data (if available); and
- d) A signed certification if the generator is claiming that his waste already meets the treatment standard.

All notifications, certifications, and waste analysis data must be kept on-site for at least three years from the date the waste was last sent to on or off site treatment or disposal. The generator must submit a new notice if the waste or the receiving facility changes.

The LDR rule provides for a few limited opportunities for delaying the effective date of prohibition, for a treatability variance, or for gaining an exemption from the prohibitions. This LDR explanation is a brief synopsis of a complex set of rules and regulations and is not all inclusive. Contact the EPA or DEP or review 40 CFR Part 268 for detailed information.

USED OIL REQUIREMENTS FOR ALL GENERATORS - 40 CFR PART 279

1. Used oil may only be stored in tanks or containers.
2. Containers and tanks must be in good condition and not leaking.
3. Containers and tanks must be labeled "Used Oil."
4. Spills must be cleaned up, and contaminated materials disposed of properly.
5. Oil filters may not be disposed of at landfills. They must be recycled by an oil filter processor or municipal refuse incinerator (Chapter 62-710, F.A.C.).

Used oil must have secondary containment for containers, existing tanks or above ground tanks.

UNIVERSAL WASTE MANAGEMENT OPTIONS FOR ALL GENERATORS

U.S. EPA's Universal Waste Rule (40 CFR Part 273) provides an alternative set of management standards for certain specific wastes in lieu of regulation under 40 CFR Parts 260 through 272. Currently, it applies to recycling of batteries, some pesticides, and mercury containing devices and lamps. Facilities that manage these wastes as Universal Waste (UW) do not need to count that waste toward their generator status or use hazardous waste manifests for shipping UW. Florida's Chapter 62-737, F.A.C., is broader in scope than EPA's UW Rule and therefore governs the management of mercury-containing lamps and devices in Florida.

HAZARDOUS WASTE REQUIREMENTS

I. Conditionally Exempt Small Quantity Generators (CESQG) 40 CFR§ 261.5. CESQGs generate less than 100 kilograms of HW per month and less than 1 kilogram of acute HW (such as some pesticides, toxins or arsenic and cyanide compounds) per month. Many wastes that are recycled are included in this quantity determination.

1. Perform HW determination. [§262.11]
2. Cannot accumulate > 1000 kg at any time. [§261.5(g)(2)]
3. Ensure delivery of HW to a proper recycling facility or TSDF. [§261.5(g)(3)]

4. *Keep records documenting proper disposal. [§62-730.030(3) & (4), F.A.C.]*

II. Small Quantity Generators (SQG) 40 CFR Part 262. SQGs generate 100 - 1000 kilograms of HW per month. Many wastes that are recycled are included in this quantity determination.

1. Obtain a DEP/EPA ID Number (§262.12) at

http://www.dep.state.fl.us/waste/quick_topics/forms/documents/62-730/730_1b.pdf
or phone 850/245- 8707.

2. Use manifest system [unless there is a reclamation agreement pursuant to §262.20(e)], and ship only to a permitted facility (Part 262, Subpart B).

3. Never exceed the 6000 kg accumulation/180 day storage time limit. [§262.34(d)(1)]

4. Emergency Planning [§262.34(d)(5)]:

a) Have at least one employee/designee with authority as Emergency Coordinator(EC) on 24hr call.

b) Next to the telephone, post

(i) the EC name and phone number;

(ii) fire department's number; and

(iii) location of fire extinguishers; spill control equipment/material, and fire alarm (if any).

c) Follow emergency procedures in §262.34(d)(5), including taking necessary steps to address spills and fires, and notifying the National Response Center (24-hour number: 800/424-8802) and the State Warning Point (850/413- 9911).

d) Upon request, the DEP will provide contingency plan guidance if the facility wishes to develop a more comprehensive emergency plan than required of SQGs.

5. Training of personnel regarding proper HW handling and emergency response. [§262.34(d)(5)(iii)]

6. Keep records (§262.44), including manifests, test results, etc., a minimum of three (3) years.

7. If tanks are used for management of HW, meet the tank requirements of §265.201. This includes daily and weekly inspections, required maintenance, spill response and closure standards.

8. Meet the following requirements under III -- LQG Requirements, below: Items 1, 2, 4, 5, 6, 12 to 15, 17, and 22.

9. If a SQG fails to meet applicable requirements, the full generator standards (and possibly TSDf standards) may apply. [§262.34(f)]

Additional information regarding Large Quantity Generators, Hazardous Waste Transporters and Treatment Storage and Disposal Facilities can be found at <http://dep.state.fl.us/waste/categories/hazardous/pages/laws.htm>

Section IV: Hazard Class Compatibility Charts

Example of Potentially Incompatible waste

Pt. 265, App. V

- T88 Titanium Dioxide Chloride Process Oxidation Reactor
- T89 Methane Reforming Furnace
- T90 Pulping Liquor Recovery Furnace
- T91 Combustion Device Used in the Recovery of Sulfur Values From Spent Sulfuric Acid
- T92 Halogen Acid Furnaces
- T93 Other Industrial Furnaces Listed in 40 CFR 260.10 (specify)

(f) Other Treatment

- T94 Containment Building (Treatment)

3. Disposal

- D79 Underground Injection
- D80 Landfill
- D81 Land Treatment
- D82 Ocean Disposal
- D83 Surface Impoundment (to be closed as a landfill)
- D99 Other Disposal (specify)

4. Miscellaneous (Subpart X)

- X01 Open Burning/Open Detonation
- X02 Mechanical Processing
- X03 Thermal Unit
- X04 Geologic Repository
- X99 Other Subpart X (specify)

[45 FR 33232, May 19, 1980, as amended at 59 FR 13892, Mar. 24, 1994]

APPENDIX II TO PART 265—[RESERVED]

APPENDIX III TO PART 265—EPA INTERIM PRIMARY DRINKING WATER STANDARDS

Parameter	Maximum level (mg/l)
Arsenic	0.05
Barium	1.0
Cadmium	0.01
Chromium	0.05
Fluoride	1.4–2.4
Lead	0.05
Mercury	0.002
Nitrate (as N)	10
Selenium	0.01
Silver	0.05
Endrin	0.0002
Lindane	0.004
Methoxychlor	0.1
Toxaphene	0.005
2,4-D	0.1
2,4,5-TP Silver	0.01
Radium	5 pCi/l
Gross Alpha	15 pCi/l
Gross Beta	4 millirem/yr
Turbidity	1/TU
Coliform Bacteria	1/100 ml

[Comment: Turbidity is applicable only to surface water supplies.]

APPENDIX IV TO PART 265—TESTS FOR SIGNIFICANCE

As required in §265.93(b) the owner or operator must use the Student's t-test to determine statistically significant changes in the concentration or value of an indicator parameter in periodic ground-water samples when compared to the initial background concentration or value of

that indicator parameter. The comparison must consider individually each of the wells in the monitoring system. For three of the indicator parameters (specific conductance, total organic carbon, and total organic halogen) a single-tailed Student's t-test must be used to test at the 0.01 level of significance for significant increases over background. The difference test for pH must be a two-tailed Student's t-test at the overall 0.01 level of significance.

The student's t-test involves calculation of the value of a t-statistic for each comparison of the mean (average) concentration or value (based on a minimum of four replicate measurements) of an indicator parameter with its initial background concentration or value. The calculated value of the t-statistic must then be compared to the value of the t-statistic found in a table for t-test of significance at the specified level of significance. A calculated value of t which exceeds the value of t found in the table indicates a statistically significant change in the concentration or value of the indicator parameter.

Formulae for calculation of the t-statistic and tables for t-test of significance can be found in most introductory statistics texts.

APPENDIX V TO PART 265—EXAMPLES OF POTENTIALLY INCOMPATIBLE WASTE

Many hazardous wastes, when mixed with other waste or materials at a hazardous waste facility, can produce effects which are harmful to human health and the environment, such as (1) heat or pressure, (2) fire or explosion, (3) violent reaction, (4) toxic dusts, mists, fumes, or gases, or (5) flammable fumes or gases.

Below are examples of potentially incompatible wastes, waste components, and materials, along with the harmful consequences which result from mixing materials in one group with materials in another group. The list is intended as a guide to owners or operators of treatment, storage, and disposal facilities, and to enforcement and permit granting officials, to indicate the need for special precautions when managing these potentially incompatible waste materials or components.

This list is not intended to be exhaustive. An owner or operator must, as the regulations require, adequately analyze his wastes so that he can avoid creating uncontrolled substances or reactions of the type listed below, whether they are listed below or not.

It is possible for potentially incompatible wastes to be mixed in a way that precludes a reaction (e.g., adding acid to water rather than water to acid) or that neutralizes them (e.g., a strong acid mixed with a strong base), or that controls substances produced (e.g., by generating flammable gases in a closed tank equipped so that ignition cannot occur, and burning the gases in an incinerator).

In the lists below, the mixing of a Group A material with a Group B material may have the potential consequence as noted.

Group 1-A	Group 1-B
Acetylene sludge	Acid sludge
Akaline caustic liquids	Acid and water
Alkaline cleaner	Battery acid
Alkaline corrosive liquids	Chemical cleaners
	Electrolyte, acid
Alkaline corrosive battery fluid	

Pt. 265, App. V

Group 1-A	Group 1-B
Caustic wastewater Lime sludge and other corrosive alkalines Lime wastewater	Etching acid liquid or solvent
Lime and water Spent caustic	Pickling liquor and other corrosive acids Spent acid Spent mixed acid Spent sulfuric acid

Potential consequences: Heat generation; violent reaction.

Group 2-A	Group 2-B
Aluminum Beryllium Calcium Lithium Magnesium Potassium Sodium Zinc powder Other reactive metals and metal hydrides	Any waste in Group 1-A or 1-B

Potential consequences: Fire or explosion; generation of flammable hydrogen gas.

Group 3-A	Group 3-B
Alcohols Water	Any concentrated waste in Groups 1-A or 1-B Calcium Lithium Metal hydrides Potassium SO ₂ Cl ₂ , SOCl ₂ , PCl ₃ , CH ₃ SiCl ₃ Other water-reactive waste

Potential consequences: Fire, explosion, or heat generation; generation of flammable or toxic gases.

Group 4-A	Group 4-B
Alcohols Aldehydes Halogenated hydrocarbons Nitrated hydrocarbons Unsaturated hydrocarbons Other reactive organic compounds and solvents	Concentrated Group 1-A or 1-B wastes Group 2-A wastes

Potential consequences: Fire, explosion, or violent reaction.

Group 5-A	Group 5-B
Spent cyanide and sulfide solutions	Group 1-B wastes

Potential consequences: Generation of toxic hydrogen cyanide or hydrogen sulfide gas.

Group 6-A	Group 6-B
Chlorates Chlorine Chlorites Chromic acid Hyphochlorites Nitrates Nitric acid, fuming Perchlorates Permanganates Peroxides Other strong oxidizers	Acetic acid and other organic acids Concentrated mineral acids Group 2-A wastes Group 4-A wastes Other flammable and combustible wastes

Potential consequences: Fire, explosion, or violent reaction.

Source: "Law, Regulations, and Guidelines for Handling of Hazardous Waste." California Department of Health, February 1975.

Chemical Storage Groups

Chemical Storage Groups

Large volumes of chemicals and/or those stored in glass containers, should be grouped into the following hazard groups first before they are placed in alphabetical order:

Phase	Hazard Group	Common Chemical Examples
Solid	explosive	picric acid (dried), picrates
	oxidizer	chlorates, dichromates, nitrates, perchlorates, permanganates, peroxides
	very reactive (w/ water or other chemicals)	aluminum chloride (anhydrous), calcium, calcium carbide, lithium, phosphorus pentachloride, phosphorus pentoxide, potassium, sodium, white phosphorus
Liquid	strong acid	hydrogen fluoride, hydrochloric acid
	strong caustic	sodium hydroxide, potassium hydroxide
	flammable	acetaldehyde, acetic acid, acetone, acetonitrile, acrylonitrile, allyl alcohol, n-amyl acetate, sec-amyl acetate, n-amyl alcohol, tert-amyl alcohol, benzene, 1-butanol, tert-butyl alcohol, carbon disulfide, chlorobenzene, cyclohexane, cyclohexene, 1,1- and 1,2-dichloroethane, 1,1- and 1,2-dimethylhydrazine, dioxane, ethanol, ethyl acrylate, ethylenediamine, ethyl formate, n-heptane, n-hexane, hydrazine, isoamyl alcohol, isobutanol, isobutyl alcohol, isopropyl acetate, isopropyl alcohol, methyl alcohol, isopropylamine, methyl ethyl ketone, morpholine, nitromethane, 2-nitropropane, pentane, propylene oxide, pyridine, TEMED, toluene, triethylamine, vinyl acetate, xylene
	oxidizer	acid dichromate, chromic acid, chromium trioxide, hydrogen peroxide (> 30%), nitric acid, sodium peroxide, sulfuric acid
	perchloric acid	--
	very reactive/explosive	chlorosulfuric acid, chlorates, organic peroxides
	Gas	strong acid/caustic
flammable		acetylene
oxidizer		chlorine, nitrous oxide

Appendix A: LIST OF EMERGENCY CONTACTS

CAMPUS EMERGENCY NUMBER X911

(Inform them of the exact situation, chemicals and quantities involved, and the location)

**Mr. Michael Cobb, Interim Director
Environmental Health and Safety
Office 474-2435**

**Derek Krepp, Environmental Coordinator
Environmental Health and Safety
Office 857-6221**

**Chief Marc Cossich, Director
UWF Police
Office 474-2415**

**Asst. Chief Deborah Fletcher, Patrol
UWF Police
Office 474-2415**

**Capt. David Faircloth, Administration
UWF Police
Office 474-2415**

Appendix B: RCRA Listed Waste (F, U and P List)

F Listed Waste

Industry and EPA hazardous waste No.	Hazardous waste	Hazard code
F001	The following spent halogenated solvents used in degreasing: Tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	(T)
F002	The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those listed in F001, F004, or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	(T)
F003	The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	(I)*
F004	The following spent non-halogenated solvents: Cresols and cresylic acid, and nitrobenzene; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	(T)
F005	The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures	(I,T)
F006	Wastewater treatment sludges from electroplating operations except from the following processes: (1) Sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum	(T)
F007	Spent cyanide plating bath solutions from electroplating operations	(R, T)
F008	Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process	(R, T)
F009	Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process	(R, T)
F010	Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process	(R, T)
F011	Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations	(R, T)
F012	Quenching waste water treatment sludges from metal heat treating operations where cyanides are used in the process	(T)
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process. Wastewater treatment sludges from the manufacturing of motor vehicles using a zinc phosphating process will not be subject to this listing at the point of generation if the wastes are not placed outside on the land prior to shipment to a landfill for disposal and are either: disposed in a Subtitle D municipal or industrial landfill unit that is equipped with a single clay liner and is permitted, licensed or otherwise authorized by the state; or disposed in a landfill unit subject to, or otherwise meeting, the landfill requirements in § 258.40, § 264.301 or § 265.301. For the purposes of this listing, motor vehicle manufacturing is defined in paragraph (b)(4)(i) of this section and (b)(4)(ii) of this section describes the recordkeeping requirements for motor vehicle manufacturing facilities	(T)
F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of Hexachlorophene from highly purified 2,4,5-trichlorophenol.)	(H)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives	(H)
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions	(H)
F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of Hexachlorophene from highly purified 2,4,5-trichlorophenol.)	(H)
F024	Process wastes, including but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, spent catalysts, and wastes listed in § 261.31 or § 261.32.)	(T)
F025	Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution	(T)

F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions	(H)
F027	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing Hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)	(H)
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA Hazardous Waste Nos. F020, F021, F022, F023, F026, and F027	(T)
F032	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use or have previously used chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with § 261.35 of this chapter or potentially cross-contaminated wastes that are otherwise currently regulated as hazardous wastes (i.e., F034 or F035), and where the generator does not resume or initiate use of chlorophenolic formulations). This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol	(T)
F034	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol	(T)
F035	Wastewaters (except those that have not come into contact with process contaminants), process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol	(T)
F037	Petroleum refinery primary oil/water/solids separation sludge—Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and stormwater units receiving dry weather flow. Sludge generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and K051 wastes are not included in this listing. This listing does include residuals generated from processing or recycling oil-bearing hazardous secondary materials excluded under § 261.4(a)(12)(i), if those residuals are to be disposed of	(T)
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge—Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in: induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges and floats generated in aggressive biological treatment units as defined in § 261.31(b)(2) (including sludges and floats generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units) and F037, K048, and K051 wastes are not included in this listing	(T)
F039	Leachate (liquids that have percolated through land disposed wastes) resulting from the disposal of more than one restricted waste classified as hazardous under subpart D of this part. (Leachate resulting from the disposal of one or more of the following EPA Hazardous Wastes and no other Hazardous Wastes retains its EPA Hazardous Waste Number(s): F020, F021, F022, F026, F027, and/or F028.)	(T)
*(I,T) should be used to specify mixtures that are ignitable and contain toxic constituents.		

P Listed Waste

Hazardous waste No.	Chemical abstracts No.	Substance	Hazardous Waste No.	Chemical abstracts No.	Substance
P023	107-20-0	Acetaldehyde, chloro-	P122	1314-84-7	Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10% (R,T)
P002	591-08-2	Acetamide, N-(aminothioxomethyl)-	P205	137-30-4	Ziram.
P057	640-19-7	Acetamide, 2-fluoro-	P001	1 81-81-2	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P058	62-74-8	Acetic acid, fluoro-, sodium salt	P001	1 81-81-2	Warfarin, & salts, when present at concentrations greater than 0.3%
P002	591-08-2	1-Acetyl-2-thiourea	P002	591-08-2	Acetamide, -(aminothioxomethyl)-
P003	107-02-8	Acrolein	P002	591-08-2	1-Acetyl-2-thiourea
P070	116-06-3	Aldicarb	P003	107-02-8	Acrolein
P203	1646-88-4	Aldicarb sulfone.	P003	107-02-8	2-Propenal
P004	309-00-2	Aldrin	P004	309-00-2	Aldrin
P005	107-18-6	Allyl alcohol	P004	309-00-2	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a,-hexahydro
P006	20859-73-8	Aluminum phosphide (R,T)	P005	107-18-6	Allyl alcohol
P007	2763-96-4	5-(Aminomethyl)-3-isoxazolol	P005	107-18-6	2-Propen-1-ol

P008	504-24-5	4-Aminopyridine	P006	20859-73-8	Aluminum phosphide (R,T)
P009	131-74-8	Ammonium picrate (R)	P007	2763-96-4	5-(Aminomethyl)-3-isoxazolol
P119	7803-55-6	Ammonium vanadate	P007	2763-96-4	3(2H)-Isoxazolone, 5-(aminomethyl)-
P099	506-61-6	Argentate(1-), bis(cyano-C)-, potassium	P008	504-24-5	4-Aminopyridine
P010	7778-39-4	Arsenic acid H3 AsO4	P008	504-24-5	4-Pyridinamine
P012	1327-53-3	Arsenic oxide As2 O3	P009	131-74-8	Ammonium picrate (R)
P011	1303-28-2	Arsenic oxide As2 O5	P009	131-74-8	Phenol, 2,4,6-trinitro-, ammonium salt (R)
P011	1303-28-2	Arsenic pentoxide	P010	7778-39-4	Arsenic acid H3 AsO4
P012	1327-53-3	Arsenic trioxide	P011	1303-28-2	Arsenic oxide As2 O5
P038	692-42-2	Arsine, diethyl-	P011	1303-28-2	Arsenic pentoxide
P036	696-28-6	Arsonous dichloride, phenyl-	P012	1327-53-3	Arsenic oxide As2 O3
P054	151-56-4	Aziridine	P012	1327-53-3	Arsenic trioxide
P067	75-55-8	Aziridine, 2-methyl-	P013	542-62-1	Barium cyanide
P013	542-62-1	Barium cyanide	P014	108-98-5	Benzenethiol
P024	106-47-8	Benzenamine, 4-chloro-	P014	108-98-5	Thiophenol
P077	100-01-6	Benzenamine, 4-nitro-	P015	7440-41-7	Beryllium powder
P028	100-44-7	Benzene, (chloromethyl)-	P016	542-88-1	Dichloromethyl ether
P042	51-43-4	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-	P016	542-88-1	Methane, oxybis[chloro-
P046	122-09-8	Benzenethanamine, alpha,alpha-dimethyl-	P017	598-31-2	Bromoacetone
P014	108-98-5	Benzenethiol	P017	598-31-2	2-Propanone, 1-bromo-
P127	1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate.	P018	357-57-3	Brucine
P188	57-64-7	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1).	P018	357-57-3	Strychnidin-10-one, 2,3-dimethoxy-
P001	1 81-81-2	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl), & salts, present at concentrations greater than 0.3%	P020	88-85-7	Dinoseb
P028	100-44-7	Benzyl chloride	P020	88-85-7	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P015	7440-41-7	Beryllium powder	P021	592-01-8	Calcium cyanide
P017	598-31-2	Bromoacetone	P021	592-01-8	Calcium cyanide Ca(CN)2
P018	357-57-3	Brucine	P022	75-15-0	Carbon disulfide
P045	39196-18-4	2-Butanone, 3,3-dimethyl-1-(methylthio)-,O-[(methylamino)carbonyl] oxime	P023	107-20-0	Acetaldehyde, chloro-
P021	592-01-8	Calcium cyanide	P023	107-20-0	Chloroacetaldehyde
P021	592-01-8	Calcium cyanide Ca(CN)2	P024	106-47-8	Benzenamine, 4-chloro-
P189	55285-14-8	Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl- 7-benzofuranyl ester.	P024	106-47-8	p-Chloroaniline
P191	644-64-4	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]- 5-methyl-1H- pyrazol-3-yl ester.	P026	5344-82-1	1-(o-Chlorophenyl)thiourea
P192	119-38-0	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H- pyrazol-5-yl ester.	P026	5344-82-1	Thiourea, (2-chlorophenyl)-
P190	1129-41-5	Carbamic acid, methyl-, 3-methylphenyl ester.	P027	542-76-7	3-Chloropropionitrile
P127	1563-66-2	Carbofuran.	P027	542-76-7	Propanenitrile, 3-chloro-
P022	75-15-0	Carbon disulfide	P028	100-44-7	Benzene, (chloromethyl)-
P095	75-44-5	Carbonic dichloride	P028	100-44-7	Benzyl chloride
P189	55285-14-8	Carbosulfan.	P029	544-92-3	Copper cyanide
P023	107-20-0	Chloroacetaldehyde	P029	544-92-3	Copper cyanide Cu(CN)
P024	106-47-8	p-Chloroaniline	P030		Cyanides (soluble cyanide salts), not otherwise specified
P026	5344-82-1	1-(o-Chlorophenyl)thiourea	P031	460-19-5	Cyanogen
P027	542-76-7	3-Chloropropionitrile	P031	460-19-5	Ethanedinitrile
P029	544-92-3	Copper cyanide	P033	506-77-4	Cyanogen chloride
P029	544-92-3	Copper cyanide Cu(CN)	P033	506-77-4	Cyanogen chloride (CN)Cl
P202	64-00-6	m-Cumenyl methylcarbamate.	P034	131-89-5	2-Cyclohexyl-4,6-dinitrophenol
P030		Cyanides (soluble cyanide salts), not otherwise specified	P034	131-89-5	Phenol, 2-cyclohexyl-4,6-dinitro-
P031	460-19-5	Cyanogen	P036	696-28-6	Arsonous dichloride, phenyl-
P033	506-77-4	Cyanogen chloride	P036	696-28-6	Dichlorophenylarsine

P033	506-77-4	Cyanogen chloride (CN)Cl	P037	60-57-1	Dieldrin
P034	131-89-5	2-Cyclohexyl-4,6-dinitrophenol	P037	60-57-1	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-
P016	542-88-1	Dichloromethyl ether	P038	692-42-2	Arsine, diethyl-
P036	696-28-6	Dichlorophenylarsine	P038	692-42-2	Diethylarsine
P037	60-57-1	Dieldrin	P039	298-04-4	Disulfoton
P038	692-42-2	Diethylarsine	P039	298-04-4	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P041	311-45-5	Diethyl-p-nitrophenyl phosphate	P040	297-97-2	O,O-Diethyl O-pyrazinyl phosphorothioate
P040	297-97-2	O,O-Diethyl O-pyrazinyl phosphorothioate	P040	297-97-2	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P043	55-91-4	Diisopropylfluorophosphate (DFP)	P041	311-45-5	Diethyl-p-nitrophenyl phosphate
P004	309-00-2	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-	P041	311-45-5	Phosphoric acid, diethyl 4-nitrophenyl ester
P060	465-73-6	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a-hexahydro-,	P042	51-43-4	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-
P037	60-57-1	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-,	P042	51-43-4	Epinephrine
P051	1 72-20-8	2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, & metabolites	P043	55-91-4	Diisopropylfluorophosphate (DFP)
P044	60-51-5	Dimethoate	P043	55-91-4	Phosphorofluoridic acid, bis(1-methylethyl) ester
P046	122-09-8	alpha,alpha-Dimethylphenethylamine	P044	60-51-5	Dimethoate
P191	644-64-4	Dimetilan.	P044	60-51-5	Phosphorodithioic acid, O,O-dimethyl S-[2-(methyl amino)-2-oxoethyl] ester
P047	1 534-52-1	4,6-Dinitro-o-cresol, & salts	P045	39196-18-4	2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[(methylamino)carbonyl] oxime
P048	51-28-5	2,4-Dinitrophenol	P045	39196-18-4	Thiofanox
P020	88-85-7	Dinoseb	P046	122-09-8	Benzeneethanamine, alpha,alpha-dimethyl-
P085	152-16-9	Diphosphoramidate, octamethyl-	P046	122-09-8	alpha,alpha-Dimethylphenethylamine
P111	107-49-3	Diphosphoric acid, tetraethyl ester	P047	1 534-52-1	4,6-Dinitro-o-cresol, & salts
P039	298-04-4	Disulfoton	P047	1 534-52-1	Phenol, 2-methyl-4,6-dinitro-, & salts
P049	541-53-7	Dithiobiuret	P048	51-28-5	2,4-Dinitrophenol
P185	26419-73-8	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl,O[(methylamino)carbonyl]oxime.	P048	51-28-5	Phenol, 2,4-dinitro-
P050	115-29-7	Endosulfan	P049	541-53-7	Dithiobiuret
P088	145-73-3	Endothall	P049	541-53-7	Thioimidodicarbonic diamide [(H2 N)C(S)]2 NH
P051	72-20-8	Endrin	P050	115-29-7	Endosulfan
P051	72-20-8	Endrin, & metabolites	P050	115-29-7	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide
P042	51-43-4	Epinephrine	P051	1 72-20-8	2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, & metabolites
P031	460-19-5	Ethanedinitrile	P051	72-20-8	Endrin
P194	23135-22-0	Ethanimidothioic acid, 2-(dimethylamino)-N-[[[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester.	P051	72-20-8	Endrin, & metabolites
P066	16752-77-5	Ethanimidothioic acid,N-[[[(methylamino)carbonyl]oxy]-, methyl ester	P054	151-56-4	Aziridine
P101	107-12-0	Ethyl cyanide	P054	151-56-4	Ethyleneimine
P054	151-56-4	Ethyleneimine	P056	7782-41-4	Fluorine
P097	52-85-7	Famphur	P057	640-19-7	Acetamide, 2-fluoro-
P056	7782-41-4	Fluorine	P057	640-19-7	Fluoroacetamide
P057	640-19-7	Fluoroacetamide	P058	62-74-8	Acetic acid, fluoro-, sodium salt
P058	62-74-8	Fluoroacetic acid, sodium salt	P058	62-74-8	Fluoroacetic acid, sodium salt
P198	23422-53-9	Formetanate hydrochloride.	P059	76-44-8	Heptachlor
P197	17702-57-7	Formparanate.	P059	76-44-8	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
P065	628-86-4	Fulminic acid, mercury(2+) salt (R,T)	P060	465-73-6	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-
P059	76-44-8	Heptachlor	P060	465-73-6	Isodrin
P062	757-58-4	Hexaethyl tetraphosphate	P062	757-58-4	Hexaethyl tetraphosphate
P116	79-19-6	Hydrazinecarbothioamide	P062	757-58-4	Tetraphosphoric acid, hexaethyl ester

P068	60-34-4	Hydrazine, methyl-	P063	74-90-8	Hydrocyanic acid
P063	74-90-8	Hydrocyanic acid	P063	74-90-8	Hydrogen cyanide
P063	74-90-8	Hydrogen cyanide	P064	624-83-9	Methane, isocyanato-
P096	7803-51-2	Hydrogen phosphide	P064	624-83-9	Methyl isocyanate
P060	465-73-6	Isodrin	P065	628-86-4	Fulminic acid, mercury(2+) salt (R,T)
P192	119-38-0	Isolan.	P065	628-86-4	Mercury fulminate (R,T)
P202	64-00-6	3-Isopropylphenyl N-methylcarbamate.	P066	16752-77-5	Ethanimidothioic acid, N-[[[(methylamino)carbonyl]oxy]-, methyl ester
P007	2763-96-4	3(2H)-Isoxazolone, 5-(aminomethyl)-	P066	16752-77-5	Methomyl
P196	15339-36-3	Manganese, bis(dimethylcarbomodithioato-S,S')-,	P067	75-55-8	Aziridine, 2-methyl-
P196	15339-36-3	Manganese dimethylidithiocarbamate.	P067	75-55-8	1,2-Propylenimine
P092	62-38-4	Mercury, (acetato-O)phenyl-	P068	60-34-4	Hydrazine, methyl-
P065	628-86-4	Mercury fulminate (R,T)	P068	60-34-4	Methyl hydrazine
P082	62-75-9	Methanamine, N-methyl-N-nitroso-	P069	75-86-5	2-Methylactonitrile
P064	624-83-9	Methane, isocyanato-	P069	75-86-5	Propanenitrile, 2-hydroxy-2-methyl-
P016	542-88-1	Methane, oxybis[chloro-	P070	116-06-3	Aldicarb
P112	509-14-8	Methane, tetranitro- (R)	P070	116-06-3	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P118	75-70-7	Methanethiol, trichloro-	P071	298-00-0	Methyl parathion
P198	23422-53-9	Methanimidamide, N,N-dimethyl-N'-[3-[[[(methylamino)carbonyl]oxy]phenyl]-, monohydrochloride.	P071	298-00-0	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P197	17702-57-7	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[[[(methylamino)carbonyl]oxy]phenyl]-	P072	86-88-4	alpha-Naphthylthiourea
P050	115-29-7	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide	P072	86-88-4	Thiourea, 1-naphthalenyl-
P059	76-44-8	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	P073	13463-39-3	Nickel carbonyl
P199	2032-65-7	Methiocarb.	P073	13463-39-3	Nickel carbonyl Ni(CO)4, (T-4)-
P066	16752-77-5	Methomyl	P074	557-19-7	Nickel cyanide
P068	60-34-4	Methyl hydrazine	P074	557-19-7	Nickel cyanide Ni(CN)2
P064	624-83-9	Methyl isocyanate	P075	1 54-11-5	Nicotine, & salts
P069	75-86-5	2-Methylactonitrile	P075	1 54-11-5	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts
P071	298-00-0	Methyl parathion	P076	10102-43-9	Nitric oxide
P190	1129-41-5	Metolcarb.	P076	10102-43-9	Nitrogen oxide NO
P128	315-8-4	Mexacarbate.	P077	100-01-6	Benzenamine, 4-nitro-
P072	86-88-4	alpha-Naphthylthiourea	P077	100-01-6	p-Nitroaniline
P073	13463-39-3	Nickel carbonyl	P078	10102-44-0	Nitrogen dioxide
P073	13463-39-3	Nickel carbonyl Ni(CO)4, (T-4)-	P078	10102-44-0	Nitrogen oxide NO2
P074	557-19-7	Nickel cyanide	P081	55-63-0	Nitroglycerine (R)
P074	557-19-7	Nickel cyanide Ni(CN)2	P081	55-63-0	1,2,3-Propanetriol, trinitrate (R)
P075	1 54-11-5	Nicotine, & salts	P082	62-75-9	Methanamine, -methyl-N-nitroso-
P076	10102-43-9	Nitric oxide	P082	62-75-9	N-Nitrosodimethylamine
P077	100-01-6	p-Nitroaniline	P084	4549-40-0	N-Nitrosomethylvinylamine
P078	10102-44-0	Nitrogen dioxide	P084	4549-40-0	Vinylamine, -methyl-N-nitroso-
P076	10102-43-9	Nitrogen oxide NO	P085	152-16-9	Diphosphoramidate, octamethyl-
P078	10102-44-0	Nitrogen oxide NO2	P085	152-16-9	Octamethylpyrophosphoramidate
P081	55-63-0	Nitroglycerine (R)	P087	20816-12-0	Osmium oxide OsO4, (T-4)-
P082	62-75-9	N-Nitrosodimethylamine	P087	20816-12-0	Osmium tetroxide
P084	4549-40-0	N-Nitrosomethylvinylamine	P088	145-73-3	Endothall
P085	152-16-9	Octamethylpyrophosphoramidate	P088	145-73-3	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P087	20816-12-0	Osmium oxide OsO4, (T-4)-	P089	56-38-2	Parathion
P087	20816-12-0	Osmium tetroxide	P089	56-38-2	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester
P088	145-73-3	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	P092	62-38-4	Mercury, (acetato-O)phenyl-
P194	23135-22-0	Oxamyl.	P092	62-38-4	Phenylmercury acetate

P089	56-38-2	Parathion	P093	103-85-5	Phenylthiourea
P034	131-89-5	Phenol, 2-cyclohexyl-4,6-dinitro-	P093	103-85-5	Thiourea, phenyl-
P048	51-28-5	Phenol, 2,4-dinitro-	P094	298-02-2	Phorate
P047	1 534-52-1	Phenol, 2-methyl-4,6-dinitro-, & salts	P094	298-02-2	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P020	88-85-7	Phenol, 2-(1-methylpropyl)-4,6-dinitro-	P095	75-44-5	Carbonic dichloride
P009	131-74-8	Phenol, 2,4,6-trinitro, ammonium salt (R)	P095	75-44-5	Phosgene
P128	315-18-4	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester).	P096	7803-51-2	Hydrogen phosphide
P199	2032-65-7	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate	P096	7803-51-2	Phosphine
P202	64-00-6	Phenol, 3-(1-methylethyl)-, methyl carbamate.	P097	52-85-7	Famphur
P201	2631-37-0	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate.	P097	52-85-7	Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester
P092	62-38-4	Phenylmercury acetate	P098	151-50-8	Potassium cyanide
P093	103-85-5	Phenylthiourea	P098	151-50-8	Potassium cyanide K(CN)
P094	298-02-2	Phorate	P099	506-61-6	Argentate(1-), bis(cyano-C)-, potassium
P095	75-44-5	Phosgene	P099	506-61-6	Potassium silver cyanide
P096	7803-51-2	Phosphine	P101	107-12-0	Ethyl cyanide
P041	311-45-5	Phosphoric acid, diethyl 4-nitrophenyl ester	P101	107-12-0	Propanenitrile
P039	298-04-4	Phosphorodithioic acid, O,O-diethylS-[2-(ethylthio)ethyl] ester	P102	107-19-7	Propargyl alcohol
P094	298-02-2	Phosphorodithioic acid, O,O-diethylS-[(ethylthio)methyl] ester	P102	107-19-7	2-Propyn-1-ol
P044	60-51-5	Phosphorodithioic acid, O,O-dimethyl S-[2-(methyl-amino)-2-oxoethyl] ester	P103	630-10-4	Selenourea
P043	55-91-4	Phosphorofluoridic acid, bis(1-methylethyl) ester	P104	506-64-9	Silver cyanide
P089	56-38-2	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	P104	506-64-9	Silver cyanide Ag(CN)
P040	297-97-2	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	P105	26628-22-8	Sodium azide
P097	52-85-7	Phosphorothioic acid, O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester	P106	143-33-9	Sodium cyanide
P071	298-00-0	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester	P106	143-33-9	Sodium cyanide Na(CN)
P204	57-47-6	Physostigmine.	P108	1 157-24-9	Strychnidin-10-one, & salts
P188	57-64-7	Physostigmine salicylate.	P108	1 157-24-9	Strychnine, & salts
P110	78-00-2	Plumbane, tetraethyl-	P109	3689-24-5	Tetraethylthiopyrophosphate
P098	151-50-8	Potassium cyanide	P109	3689-24-5	Thiodiphosphoric acid, tetraethyl ester
P098	151-50-8	Potassium cyanide K(CN)	P110	78-00-2	Plumbane, tetraethyl-
P099	506-61-6	Potassium silver cyanide	P110	78-00-2	Tetraethyl lead
P201	2631-37-0	Promecarb	P111	107-49-3	Diphosphoric acid, tetraethyl ester
P070	116-06-3	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime	P111	107-49-3	Tetraethyl pyrophosphate
P203	1646-88-4	Propanal, 2-methyl-2-(methylsulfonyl)-, O-[(methylamino)carbonyl] oxime.	P112	509-14-8	Methane, tetranitro-(R)
P101	107-12-0	Propanenitrile	P112	509-14-8	Tetranitromethane (R)
P027	542-76-7	Propanenitrile, 3-chloro-	P113	1314-32-5	Thallic oxide
P069	75-86-5	Propanenitrile, 2-hydroxy-2-methyl-	P113	1314-32-5	Thallium oxide Tl2 O3
P081	55-63-0	1,2,3-Propanetriol, trinitrate (R)	P114	12039-52-0	Selenious acid, dithallium(1+) salt
P017	598-31-2	2-Propanone, 1-bromo-	P114	12039-52-0	Tetraethylthiopyrophosphate
P102	107-19-7	Propargyl alcohol	P115	7446-18-6	Thiodiphosphoric acid, tetraethyl ester
P003	107-02-8	2-Propenal	P115	7446-18-6	Plumbane, tetraethyl-
P005	107-18-6	2-Propen-1-ol	P116	79-19-6	Tetraethyl lead
P067	75-55-8	1,2-Propylenimine	P116	79-19-6	Thiosemicarbazide
P102	107-19-7	2-Propyn-1-ol	P118	75-70-7	Methanethiol, trichloro-
P008	504-24-5	4-Pyridinamine	P118	75-70-7	Trichloromethanethiol
P075	1 54-11-5	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts	P119	7803-55-6	Ammonium vanadate

P204	57-47-6	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-,methylcarbamate (ester), (3aS-cis)-.	P119	7803-55-6	Vanadic acid, ammonium salt
P114	12039-52-0	Selenious acid, dithallium(1+) salt	P120	1314-62-1	Vanadium oxide V2O5
P103	630-10-4	Selenourea	P120	1314-62-1	Vanadium pentoxide
P104	506-64-9	Silver cyanide	P121	557-21-1	Zinc cyanide
P104	506-64-9	Silver cyanide Ag(CN)	P121	557-21-1	Zinc cyanide Zn(CN)2
P105	26628-22-8	Sodium azide	P122	1314-84-7	Zinc phosphide Zn3 P2, when present at concentrations greater than 10% (R,T)
P106	143-33-9	Sodium cyanide	P123	8001-35-2	Toxaphene
P106	143-33-9	Sodium cyanide Na(CN)	P127	1563-66-2	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-, methylcarbamate.
P108	1 57-24-9	Strychnidin-10-one, & salts	P127	1563-66-2	Carbofuran
P018	357-57-3	Strychnidin-10-one, 2,3-dimethoxy-	P128	315-8-4	Mexacarbate
P108	1 57-24-9	Strychnine, & salts	P128	315-18-4	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)
P115	7446-18-6	Sulfuric acid, dithallium(1+) salt	P185	26419-73-8	1,3-Dithiolane-2-carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime.
P109	3689-24-5	Tetraethylthiopyrophosphate	P185	26419-73-8	Tirpate
P110	78-00-2	Tetraethyl lead	P188	57-64-7	Benzoic acid, 2-hydroxy-, compd. with (3aS-cis)-1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethylpyrrolo[2,3-b]indol-5-yl methylcarbamate ester (1:1)
P111	107-49-3	Tetraethyl pyrophosphate	P188	57-64-7	Physostigmine salicylate
P112	509-14-8	Tetranitromethane (R)	P189	55285-14-8	Carbamic acid, [(dibutylamino)-thio]methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester
P062	757-58-4	Tetraphosphoric acid, hexaethyl ester	P189	55285-14-8	Carbosulfan
P113	1314-32-5	Thallic oxide	P190	1129-41-5	Carbamic acid, methyl-, 3-methylphenyl ester
P113	1314-32-5	Thallium oxide Tl2 O3	P190	1129-41-5	Metolcarb
P114	12039-52-0	Thallium(I) selenite	P191	644-64-4	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester
P115	7446-18-6	Thallium(I) sulfate	P191	644-64-4	Dimetilan
P109	3689-24-5	Thiodiphosphoric acid, tetraethyl ester	P192	119-38-0	Carbamic acid, dimethyl-, 3-methyl-1-(1-methylethyl)-1H-pyrazol-5-yl ester
P045	39196-18-4	Thiofanox	P192	119-38-0	Isolan
P049	541-53-7	Thioimidodicarbonic diamide [(H2 N)C(S)]2 NH	P194	23135-22-0	Ethanimidthioic acid, 2-(dimethylamino)-N-[(methylamino) carbonyl]oxy]-2-oxo-, methyl ester
P014	108-98-5	Thiophenol	P194	23135-22-0	Oxamyl
P116	79-19-6	Thiosemicarbazide	P196	15339-36-3	Manganese, bis(dimethylcarbomodithioato-S,S')-,
P026	5344-82-1	Thiourea, (2-chlorophenyl)-	P196	15339-36-3	Manganese dimethyldithiocarbamate
P072	86-88-4	Thiourea, 1-naphthalenyl-	P197	17702-57-7	Formparanate
P093	103-85-5	Thiourea, phenyl-	P197	17702-57-7	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4-[(methylamino)carbonyl]oxy]phenyl]-
P185	26419-73-8	Tirpate.	P198	23422-53-9	Formetanate hydrochloride
P123	8001-35-2	Toxaphene	P198	23422-53-9	Methanimidamide, N,N-dimethyl-N'-[3-[(methylamino)-carbonyl]oxy]phenyl]-monohydrochloride
P118	75-70-7	Trichloromethanethiol	P199	2032-65-7	Methiocarb
P119	7803-55-6	Vanadic acid, ammonium salt	P199	2032-65-7	Phenol, (3,5-dimethyl-4-(methylthio)-, methylcarbamate
P120	1314-62-1	Vanadium oxide V2 O5	P201	2631-37-0	Phenol, 3-methyl-5-(1-methylethyl)-, methyl carbamate
P120	1314-62-1	Vanadium pentoxide	P201	2631-37-0	Promecarb
P084	4549-40-0	Vinylamine, N-methyl-N-nitroso-	P202	64-00-6	m-Cumenyl methylcarbamate
P001	1 81-81-2	Warfarin, & salts, when present at concentrations greater than 0.3%	P202	64-00-6	3-Isopropylphenyl N-methylcarbamate
P205	137-30-4	Zinc, bis(dimethylcarbomodithioato-S,S')-,	P202	64-00-6	Phenol, 3-(1-methylethyl)-, methyl carbamate
P121	557-21-1	Zinc cyanide	P203	1646-88-4	Aldicarb sulfone
P121	557-21-1	Zinc cyanide Zn(CN)2	P203	1646-88-4	Propanal, 2-methyl-2-(methyl-sulfonyl)-, O-[(methylamino)carbonyl] oxime
P205	137-30-4	Zinc, bis(dimethylcarbomodithioato-S,S')-,	P204	57-47-6	Physostigmine
P205	137-30-4	Ziram	P204	57-47-6	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1,3a,8-trimethyl-, methylcarbamate (ester), (3aS-cis)-

U List

Hazardous waste No.	Chemical abstracts No.	Substance	Hazardous waste No.	Chemical abstracts No.	Substance
U394	30558-43-1	A2213.	U001	75-07-0	Ethanal (I)
U001	75-07-0	Acetaldehyde (I)	U002	67-64-1	2-Propanone (I)
U034	75-87-6	Acetaldehyde, trichloro-	U003	75-05-8	Acetonitrile (I,T)
U187	62-44-2	Acetamide, N-(4-ethoxyphenyl)-	U004	98-86-2	Acetophenone
U005	53-96-3	Acetamide, N-9H-fluoren-2-yl-	U004	98-86-2	Ethanone, 1-phenyl-
U240	194-75-7	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters	U005	53-96-3	Acetamide, -9H-fluoren-2-yl-
U112	141-78-6	Acetic acid ethyl ester (I)	U005	53-96-3	2-Acetylaminofluorene
U144	301-04-2	Acetic acid, lead(2+) salt	U006	75-36-5	Acetyl chloride (C,R,T)
U214	563-68-8	Acetic acid, thallium(1+) salt	U007	79-06-1	Acrylamide
U002	67-64-1	Acetone (I)	U007	79-06-1	2-Propenamide
U003	75-05-8	Acetonitrile (I,T)	U008	79-10-7	Acrylic acid (I)
U004	98-86-2	Acetophenone	U008	79-10-7	2-Propenoic acid (I)
U005	53-96-3	2-Acetylaminofluorene	U009	107-13-1	Acrylonitrile
U006	75-36-5	Acetyl chloride (C,R,T)	U009	107-13-1	2-Propenenitrile
U007	79-06-1	Acrylamide	U010	50-07-7	Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[aminocarbonyloxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-,
U008	79-10-7	Acrylic acid (I)	U010	50-07-7	Mitomycin C
U009	107-13-1	Acrylonitrile	U011	61-82-5	Amitrole
U011	61-82-5	Amitrole	U011	61-82-5	1H-1,2,4-Triazol-3-amine
U012	62-53-3	Aniline (I,T)	U012	62-53-3	Aniline (I,T)
U136	75-60-5	Arsinic acid, dimethyl-	U012	62-53-3	Benzenamine (I,T)
U014	492-80-8	Auramine	U014	492-80-8	Auramine
U015	115-02-6	Azaserine	U014	492-80-8	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-
U010	50-07-7	Azirino[2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8--	U015	115-02-6	Azaserine
U280	101-27-9	Barban.	U015	115-02-6	L-Serine, diazoacetate (ester)
U278	22781-23-3	Bendiocarb.	U016	225-51-4	Benz[c]acridine
U364	22961-82-6	Bendiocarb phenol.	U017	98-87-3	Benzal chloride
U271	17804-35-2	Benomyl.	U017	98-87-3	Benzene, (dichloromethyl)-
U157	56-49-5	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	U018	56-55-3	Benz[a]anthracene
U016	225-51-4	Benz[c]acridine	U019	71-43-2	Benzene (I,T)
U017	98-87-3	Benzal chloride	U020	98-09-9	Benzenesulfonic acid chloride (C,R)
U192	23950-58-5	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	U020	98-09-9	Benzenesulfonyl chloride (C,R)
U018	56-55-3	Benz[a]anthracene	U021	92-87-5	Benzidine
U094	57-97-6	Benz[a]anthracene, 7,12-dimethyl-	U021	92-87-5	[1,1'-Biphenyl]-4,4'-diamine
U012	62-53-3	Benzenamine (I,T)	U022	50-32-8	Benzo[a]pyrene
U014	492-80-8	Benzenamine, 4,4'-carbonimidoylbis[N,N-dimethyl-	U023	98-07-7	Benzene, (trichloromethyl)-
U049	3165-93-3	Benzenamine, 4-chloro-2-methyl-, hydrochloride	U023	98-07-7	Benzotrichloride (C,R,T)
U093	60-11-7	Benzenamine, N,N-dimethyl-4-(phenylazo)-	U024	111-91-1	Dichloromethoxy ethane
U328	95-53-4	Benzenamine, 2-methyl-	U024	111-91-1	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-
U353	106-49-0	Benzenamine, 4-methyl-	U025	111-44-4	Dichloroethyl ether
U158	101-14-4	Benzenamine, 4,4'-methylenebis[2-chloro-	U025	111-44-4	Ethane, 1,1'-oxybis[2-chloro-
U222	636-21-5	Benzenamine, 2-methyl-, hydrochloride	U026	494-03-1	Chlornaphazin
U181	99-55-8	Benzenamine, 2-methyl-5-nitro-	U026	494-03-1	Naphthalenamine, N,N'-bis(2-chloroethyl)-
U019	71-43-2	Benzene (I,T)	U027	108-60-1	Dichloroisopropyl ether
U038	510-15-6	Benzenoacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester	U027	108-60-1	Propane, 2,2'-oxybis[2-chloro-
U030	101-55-3	Benzene, 1-bromo-4-phenoxy-	U028	117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
U035	305-03-3	Benzenobutanoic acid, 4-[bis(2-chloroethyl)amino]-	U028	117-81-7	Diethylhexyl phthalate
U037	108-90-7	Benzene, chloro-	U029	74-83-9	Methane, bromo-
U221	25376-45-8	Benzenediamine, ar-methyl-	U029	74-83-9	Methyl bromide

U028	117-81-7	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	U030	101-55-3	Benzene, 1-bromo-4-phenoxy-
U069	84-74-2	1,2-Benzenedicarboxylic acid, dibutyl ester	U030	101-55-3	4-Bromophenyl phenyl ether
U088	84-66-2	1,2-Benzenedicarboxylic acid, diethyl ester	U031	71-36-3	1-Butanol (l)
U102	131-11-3	1,2-Benzenedicarboxylic acid, dimethyl ester	U031	71-36-3	n-Butyl alcohol (l)
U107	117-84-0	1,2-Benzenedicarboxylic acid, dioctyl ester	U032	13765-19-0	Calcium chromate
U070	95-50-1	Benzene, 1,2-dichloro-	U032	13765-19-0	Chromic acid H ₂ CrO ₄ , calcium salt
U071	541-73-1	Benzene, 1,3-dichloro-	U033	353-50-4	Carbonic difluoride
U072	106-46-7	Benzene, 1,4-dichloro-	U033	353-50-4	Carbon oxyfluoride (R,T)
U060	72-54-8	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-	U034	75-87-6	Acetaldehyde, trichloro-
U017	98-87-3	Benzene, (dichloromethyl)-	U034	75-87-6	Chloral
U223	26471-62-5	Benzene, 1,3-diisocyanatomethyl- (R,T)	U035	305-03-3	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-
U239	1330-20-7	Benzene, dimethyl- (l)	U035	305-03-3	Chlorambucil
U201	108-46-3	1,3-Benzenediol	U036	57-74-9	Chlordane, alpha & gamma isomers
U127	118-74-1	Benzene, hexachloro-	U036	57-74-9	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
U056	110-82-7	Benzene, hexahydro- (l)	U037	108-90-7	Benzene, chloro-
U220	108-88-3	Benzene, methyl-	U037	108-90-7	Chlorobenzene
U105	121-14-2	Benzene, 1-methyl-2,4-dinitro-	U038	510-15-6	Benzenoacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester
U106	606-20-2	Benzene, 2-methyl-1,3-dinitro-	U038	510-15-6	Chlorobenzilate
U055	98-82-8	Benzene, (1-methylethyl)- (l)	U039	59-50-7	p-Chloro-m-cresol
U169	98-95-3	Benzene, nitro-	U039	59-50-7	Phenol, 4-chloro-3-methyl-
U183	608-93-5	Benzene, pentachloro-	U041	106-89-8	Epichlorohydrin
U185	82-68-8	Benzene, pentachloronitro-	U041	106-89-8	Oxirane, (chloromethyl)-
U020	98-09-9	Benzenesulfonic acid chloride (C,R)	U042	110-75-8	2-Chloroethyl vinyl ether
U020	98-09-9	Benzenesulfonyl chloride (C,R)	U042	110-75-8	Ethene, (2-chloroethoxy)-
U207	95-94-3	Benzene, 1,2,4,5-tetrachloro-	U043	75-01-4	Ethene, chloro-
U061	50-29-3	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-	U043	75-01-4	Vinyl chloride
U247	72-43-5	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-	U044	67-66-3	Chloroform
U023	98-07-7	Benzene, (trichloromethyl)-	U044	67-66-3	Methane, trichloro-
U234	99-35-4	Benzene, 1,3,5-trinitro-	U045	74-87-3	Methane, chloro- (l,T)
U021	92-87-5	Benzenidine	U045	74-87-3	Methyl chloride (l,T)
U278	22781-23-3	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate.	U046	107-30-2	Chloromethyl methyl ether
U364	22961-82-6	1,3-Benzodioxol-4-ol, 2,2-dimethyl-,	U046	107-30-2	Methane, chloromethoxy-
U203	94-59-7	1,3-Benzodioxole, 5-(2-propenyl)-	U047	91-58-7	beta-Chloronaphthalene
U141	120-58-1	1,3-Benzodioxole, 5-(1-propenyl)-	U047	91-58-7	Naphthalene, 2-chloro-
U367	1563-38-8	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-	U048	95-57-8	o-Chlorophenol
U090	94-58-6	1,3-Benzodioxole, 5-propyl-	U048	95-57-8	Phenol, 2-chloro-
U064	189-55-9	Benzo[rs]t]pentaphene	U049	3165-93-3	Benzenamine, 4-chloro-2-methyl-, hydrochloride
U248	181-81-2	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl) & salts, present at conc. of 0.3% or less	U049	3165-93-3	4-Chloro-o-toluidine, hydrochloride
U022	50-32-8	Benzo[a]pyrene	U050	218-01-9	Chrysene
U197	106-51-4	p-Benzoquinone	U051		Creosote
U023	98-07-7	Benzotrichloride (C,R,T)	U052	1319-77-3	Cresol (Cresylic acid)
U085	1464-53-5	2,2'-Bioxirane	U052	1319-77-3	Phenol, methyl-
U021	92-87-5	[1,1'-Biphenyl]-4,4'-diamine	U053	4170-30-3	2-Butenal
U073	91-94-1	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-	U053	4170-30-3	Crotonaldehyde
U091	119-90-4	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-	U055	98-82-8	Benzene, (1-methylethyl)-(l)
U095	119-93-7	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-	U055	98-82-8	Cumene (l)
U225	75-25-2	Bromoform	U056	110-82-7	Benzene, hexahydro-(l)
U030	101-55-3	4-Bromophenyl phenyl ether	U056	110-82-7	Cyclohexane (l)
U128	87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	U057	108-94-1	Cyclohexanone (l)
U172	924-16-3	1-Butanamine, N-butyl-N-nitroso-	U058	50-18-0	Cyclophosphamide

U031	71-36-3	1-Butanol (l)	U058	50-18-0	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide
U159	78-93-3	2-Butanone (l,T)	U059	20830-81-3	Daunomycin
U160	1338-23-4	2-Butanone, peroxide (R,T)	U059	20830-81-3	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-
U053	4170-30-3	2-Butenal	U060	72-54-8	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
U074	764-41-0	2-Butene, 1,4-dichloro- (l,T)	U060	72-54-8	DDD
U143	303-34-4	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]- 2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester,	U061	50-29-3	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
U031	71-36-3	n-Butyl alcohol (l)	U061	50-29-3	DDT
U136	75-60-5	Cacodylic acid	U062	2303-16-4	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U032	13765-19-0	Calcium chromate	U062	2303-16-4	Diallate
U372	10605-21-7	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester.	U063	53-70-3	Dibenz[a,h]anthracene
U271	17804-35-2	Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester.	U064	189-55-9	Benzo[rs]t]pentaphene
U280	101-27-9	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester.	U064	189-55-9	Dibenzo[a,i]pyrene
U238	51-79-6	Carbamic acid, ethyl ester	U066	96-12-8	1,2-Dibromo-3-chloropropane
U178	615-53-2	Carbamic acid, methylnitroso-, ethyl ester	U066	96-12-8	Propane, 1,2-dibromo-3-chloro-
U373	122-42-9	Carbamic acid, phenyl-, 1-methylethyl ester.	U067	106-93-4	Ethane, 1,2-dibromo-
U409	23564-05-8	Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester.	U067	106-93-4	Ethylene dibromide
U097	79-44-7	Carbamic chloride, dimethyl-	U068	74-95-3	Methane, dibromo-
U389	2303-17-5	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester.	U068	74-95-3	Methylene bromide
U387	52888-80-9	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester.	U069	84-74-2	1,2-Benzenedicarboxylic acid, dibutyl ester
U114	1 111-54-6	Carbamodithioic acid, 1,2-ethanedylbis-, salts & esters	U069	84-74-2	Dibutyl phthalate
U062	2303-16-4	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-di-chloro-2-propenyl) ester	U070	95-50-1	Benzene, 1,2-dichloro-
U279	63-25-2	Carbaryl.	U070	95-50-1	o-Dichlorobenzene
U372	10605-21-7	Carbendazim.	U071	541-73-1	Benzene, 1,3-dichloro-
U367	1563-38-8	Carbofuran phenol.	U071	541-73-1	m-Dichlorobenzene
U215	6533-73-9	Carbonic acid, dithallium(1+) salt	U072	106-46-7	Benzene, 1,4-dichloro-
U033	353-50-4	Carbonic difluoride	U072	106-46-7	p-Dichlorobenzene
U156	79-22-1	Carbonochloridic acid, methyl ester (l,T)	U073	91-94-1	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U033	353-50-4	Carbon oxyfluoride (R,T)	U073	91-94-1	3,3'-Dichlorobenzidine
U211	56-23-5	Carbon tetrachloride	U074	764-41-0	2-Butene, 1,4-dichloro-(l,T)
U034	75-87-6	Chloral	U074	764-41-0	1,4-Dichloro-2-butene (l,T)
U035	305-03-3	Chlorambucil	U075	75-71-8	Dichlorodifluoromethane
U036	57-74-9	Chlordane, alpha & gamma isomers	U075	75-71-8	Methane, dichlorodifluoro-
U026	494-03-1	Chlornaphazin	U076	75-34-3	Ethane, 1,1-dichloro-
U037	108-90-7	Chlorobenzene	U076	75-34-3	Ethylidene dichloride
U038	510-15-6	Chlorobenzilate	U077	107-06-2	Ethane, 1,2-dichloro-
U039	59-50-7	p-Chloro-m-cresol	U077	107-06-2	Ethylene dichloride
U042	110-75-8	2-Chloroethyl vinyl ether	U078	75-35-4	1,1-Dichloroethylene
U044	67-66-3	Chloroform	U078	75-35-4	Ethene, 1,1-dichloro-
U046	107-30-2	Chloromethyl methyl ether	U079	156-60-5	1,2-Dichloroethylene
U047	91-58-7	beta-Chloronaphthalene	U079	156-60-5	Ethene, 1,2-dichloro-, (E)-
U048	95-57-8	o-Chlorophenol	U080	75-09-2	Methane, dichloro-
U049	3165-93-3	4-Chloro-o-toluidine, hydrochloride	U080	75-09-2	Methylene chloride
U032	13765-19-0	Chromic acid H2 CrO4, calcium salt	U081	120-83-2	2,4-Dichlorophenol
U050	218-01-9	Chrysene	U081	120-83-2	Phenol, 2,4-dichloro-
U051		Creosote	U082	87-65-0	2,6-Dichlorophenol
U052	1319-77-3	Cresol (Cresylic acid)	U082	87-65-0	Phenol, 2,6-dichloro-
U053	4170-30-3	Crotonaldehyde	U083	78-87-5	Propane, 1,2-dichloro-
U055	98-82-8	Cumene (l)	U083	78-87-5	Propylene dichloride
U246	506-68-3	Cyanogen bromide (CN)Br	U084	542-75-6	1,3-Dichloropropene
U197	106-51-4	2,5-Cyclohexadiene-1,4-dione	U084	542-75-6	1-Propene, 1,3-dichloro-

U056	110-82-7	Cyclohexane (I)	U085	1464-53-5	2,2'-Bioxirane
U129	58-89-9	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)-	U085	1464-53-5	1,2:3,4-Diepoxybutane (I,T)
U057	108-94-1	Cyclohexanone (I)	U086	1615-80-1	N,N'-Diethylhydrazine
U130	77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	U086	1615-80-1	Hydrazine, 1,2-diethyl-
U058	50-18-0	Cyclophosphamide	U087	3288-58-2	O,O-Diethyl S-methyl dithiophosphate
U240	1 94-75-7	2,4-D, salts & esters	U087	3288-58-2	Phosphorodithioic acid, O,O-diethyl S-methyl ester
U059	20830-81-3	Daunomycin	U088	84-66-2	1,2-Benzenedicarboxylic acid, diethyl ester
U060	72-54-8	DDD	U088	84-66-2	Diethyl phthalate
U061	50-29-3	DDT	U089	56-53-1	Diethylstilbesterol
U062	2303-16-4	Diallate	U089	56-53-1	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-
U063	53-70-3	Dibenz[a,h]anthracene	U090	94-58-6	1,3-Benzodioxole, 5-propyl-
U064	189-55-9	Dibenzo[a,i]pyrene	U090	94-58-6	Dihydrosafrole
U066	96-12-8	1,2-Dibromo-3-chloropropane	U091	119-90-4	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U069	84-74-2	Dibutyl phthalate	U091	119-90-4	3,3'-Dimethylbenzidine
U070	95-50-1	o-Dichlorobenzene	U092	124-40-3	Dimethylamine (I)
U071	541-73-1	m-Dichlorobenzene	U092	124-40-3	Methanamine, -methyl-(I)
U072	106-46-7	p-Dichlorobenzene	U093	60-11-7	Benzenamine, N,N-dimethyl-4-(phenylazo)-
U073	91-94-1	3,3'-Dichlorobenzidine	U093	60-11-7	p-Dimethylaminoazobenzene
U074	764-41-0	1,4-Dichloro-2-butene (I,T)	U094	57-97-6	Benz[a]anthracene, 7,12-dimethyl-
U075	75-71-8	Dichlorodifluoromethane	U094	57-97-6	7,12-Dimethylbenz[a]anthracene
U078	75-35-4	1,1-Dichloroethylene	U095	119-93-7	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
U079	156-60-5	1,2-Dichloroethylene	U095	119-93-7	3,3'-Dimethylbenzidine
U025	111-44-4	Dichloroethyl ether	U096	80-15-9	alpha,alpha-Dimethylbenzylhydroperoxide (R)
U027	108-60-1	Dichloroisopropyl ether	U096	80-15-9	Hydroperoxide, 1-methyl-1-phenylethyl-(R)
U024	111-91-1	Dichloromethoxy ethane	U097	79-44-7	Carbamic chloride, dimethyl-
U081	120-83-2	2,4-Dichlorophenol	U097	79-44-7	Dimethylcarbamoyl chloride
U082	87-65-0	2,6-Dichlorophenol	U098	57-14-7	1,1-Dimethylhydrazine
U084	542-75-6	1,3-Dichloropropene	U098	57-14-7	Hydrazine, 1,1-dimethyl-
U085	1464-53-5	1,2:3,4-Diepoxybutane (I,T)	U099	540-73-8	1,2-Dimethylhydrazine
U108	123-91-1	1,4-Diethyleneoxide	U099	540-73-8	Hydrazine, 1,2-dimethyl-
U028	117-81-7	Diethylhexyl phthalate	U101	105-67-9	2,4-Dimethylphenol
U395	5952-26-1	Diethylene glycol, dicarbamate.	U101	105-67-9	Phenol, 2,4-dimethyl-
U086	1615-80-1	N,N'-Diethylhydrazine	U102	131-11-3	1,2-Benzenedicarboxylic acid, dimethyl ester
U087	3288-58-2	O,O-Diethyl S-methyl dithiophosphate	U102	131-11-3	Dimethyl phthalate
U088	84-66-2	Diethyl phthalate	U103	77-78-1	Dimethyl sulfate
U089	56-53-1	Diethylstilbesterol	U103	77-78-1	Sulfuric acid, dimethyl ester
U090	94-58-6	Dihydrosafrole	U105	121-14-2	Benzene, 1-methyl-2,4-dinitro-
U091	119-90-4	3,3'-Dimethoxybenzidine	U105	121-14-2	2,4-Dinitrotoluene
U092	124-40-3	Dimethylamine (I)	U106	606-20-2	Benzene, 2-methyl-1,3-dinitro-
U093	60-11-7	p-Dimethylaminoazobenzene	U106	606-20-2	2,6-Dinitrotoluene
U094	57-97-6	7,12-Dimethylbenz[a]anthracene	U107	117-84-0	1,2-Benzenedicarboxylic acid, dioctyl ester
U095	119-93-7	3,3'-Dimethylbenzidine	U107	117-84-0	Di-n-octyl phthalate
U096	80-15-9	alpha,alpha-Dimethylbenzylhydroperoxide	U108	123-91-1	1,4-Diethyleneoxide
U097	79-44-7	Dimethylcarbamoyl chloride	U108	123-91-1	1,4-Dioxane
U098	57-14-7	1,1-Dimethylhydrazine	U109	122-66-7	1,2-Diphenylhydrazine
U099	540-73-8	1,2-Dimethylhydrazine	U109	122-66-7	Hydrazine, 1,2-diphenyl-
U101	105-67-9	2,4-Dimethylphenol	U110	142-84-7	Dipropylamine (I)
U102	131-11-3	Dimethyl phthalate	U110	142-84-7	1-Propanamine, N-propyl-(I)
U103	77-78-1	Dimethyl sulfate	U111	621-64-7	Di-n-propylnitrosamine
U105	121-14-2	2,4-Dinitrotoluene	U111	621-64-7	1-Propanamine, N-nitroso-N-propyl-
U106	606-20-2	2,6-Dinitrotoluene	U112	141-78-6	Acetic acid ethyl ester (I)
U107	117-84-0	Di-n-octyl phthalate	U112	141-78-6	Ethyl acetate (I)
U108	123-91-1	1,4-Dioxane	U113	140-88-5	Ethyl acrylate (I)
U109	122-66-7	1,2-Diphenylhydrazine	U113	140-88-5	2-Propenoic acid, ethyl ester (I)
U110	142-84-7	Dipropylamine (I)	U114	1111-54-6	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters
U111	621-64-7	Di-n-propylnitrosamine	U114	1111-54-6	Ethylenebisdithiocarbamic acid, salts & esters
U041	106-89-8	Epichlorohydrin	U115	75-21-8	Ethylene oxide (I,T)
U001	75-07-0	Ethanal (I)	U115	75-21-8	Oxirane (I,T)
U404	121-44-8	Ethanamine, N,N-diethyl-	U116	96-45-7	Ethylenethiourea
U174	55-18-5	Ethanamine, N-ethyl-N-nitroso-	U116	96-45-7	2-Imidazolidinethione
U155	91-80-5	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-	U117	60-29-7	Ethane, 1,1'-oxybis-(I)
U067	106-93-4	Ethane, 1,2-dibromo-	U117	60-29-7	Ethyl ether (I)
U076	75-34-3	Ethane, 1,1-dichloro-	U118	97-63-2	Ethyl methacrylate

U077	107-06-2	Ethane, 1,2-dichloro-	U118	97-63-2	2-Propenoic acid, 2-methyl-, ethyl ester
U131	67-72-1	Ethane, hexachloro-	U119	62-50-0	Ethyl methanesulfonate
U024	111-91-1	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	U119	62-50-0	Methanesulfonic acid, ethyl ester
U117	60-29-7	Ethane, 1,1'-oxybis-(l)	U120	206-44-0	Fluoranthene
U025	111-44-4	Ethane, 1,1'-oxybis[2-chloro-	U121	75-69-4	Methane, trichlorofluoro-
U184	76-01-7	Ethane, pentachloro-	U121	75-69-4	Trichloromonofluoromethane
U208	630-20-6	Ethane, 1,1,1,2-tetrachloro-	U122	50-00-0	Formaldehyde
U209	79-34-5	Ethane, 1,1,2,2-tetrachloro-	U123	64-18-6	Formic acid (C,T)
U218	62-55-5	Ethanethioamide	U124	110-00-9	Furan (l)
U226	71-55-6	Ethane, 1,1,1-trichloro-	U124	110-00-9	Furfuran (l)
U227	79-00-5	Ethane, 1,1,2-trichloro-	U125	98-01-1	2-Furancarboxaldehyde (l)
U410	59669-26-0	Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester	U125	98-01-1	Furfural (l)
U394	30558-43-1	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester.	U126	765-34-4	Glycidylaldehyde
U359	110-80-5	Ethanol, 2-ethoxy-	U126	765-34-4	Oxiranecarboxyaldehyde
U173	1116-54-7	Ethanol, 2,2'-(nitrosoimino)bis-	U127	118-74-1	Benzene, hexachloro-
U395	5952-26-1	Ethanol, 2,2'-oxybis-, dicarbamate.	U127	118-74-1	Hexachlorobenzene
U004	98-86-2	Ethanone, 1-phenyl-	U128	87-68-3	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U043	75-01-4	Ethene, chloro-	U128	87-68-3	Hexachlorobutadiene
U042	110-75-8	Ethene, (2-chloroethoxy)-	U129	58-89-9	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha,2alpha,3beta,4alpha,5alpha,6beta)-
U078	75-35-4	Ethene, 1,1-dichloro-	U129	58-89-9	Lindane
U079	156-60-5	Ethene, 1,2-dichloro-, (E)-	U130	77-47-4	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
U210	127-18-4	Ethene, tetrachloro-	U130	77-47-4	Hexachlorocyclopentadiene
U228	79-01-6	Ethene, trichloro-	U131	67-72-1	Ethane, hexachloro-
U112	141-78-6	Ethyl acetate (l)	U131	67-72-1	Hexachloroethane
U113	140-88-5	Ethyl acrylate (l)	U132	70-30-4	Hexachlorophene
U238	51-79-6	Ethyl carbamate (urethane)	U132	70-30-4	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
U117	60-29-7	Ethyl ether (l)	U133	302-01-2	Hydrazine (R,T)
U114	1 111-54-6	Ethylenebisdithiocarbamic acid, salts & esters	U134	7664-39-3	Hydrofluoric acid (C,T)
U067	106-93-4	Ethylene dibromide	U134	7664-39-3	Hydrogen fluoride (C,T)
U077	107-06-2	Ethylene dichloride	U135	6/4/7783	Hydrogen sulfide
U359	110-80-5	Ethylene glycol monoethyl ether	U135	6/4/7783	Hydrogen sulfide H2S
U115	75-21-8	Ethylene oxide (l,T)	U136	75-60-5	Arsinic acid, dimethyl-
U116	96-45-7	Ethylenethiourea	U136	75-60-5	Cacodylic acid
U076	75-34-3	Ethylidene dichloride	U137	193-39-5	Indeno[1,2,3-cd]pyrene
U118	97-63-2	Ethyl methacrylate	U138	74-88-4	Methane, iodo-
U119	62-50-0	Ethyl methanesulfonate	U138	74-88-4	Methyl iodide
U120	206-44-0	Fluoranthene	U140	78-83-1	Isobutyl alcohol (l,T)
U122	50-00-0	Formaldehyde	U140	78-83-1	1-Propanol, 2-methyl- (l,T)
U123	64-18-6	Formic acid (C,T)	U141	120-58-1	1,3-Benzodioxole, 5-(1-propenyl)-
U124	110-00-9	Furan (l)	U141	120-58-1	Isosafrole
U125	98-01-1	2-Furancarboxaldehyde (l)	U142	143-50-0	Kepone
U147	108-31-6	2,5-Furandione	U142	143-50-0	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-
U213	109-99-9	Furan, tetrahydro-(l)	U143	303-34-4	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester,
U125	98-01-1	Furfural (l)	U143	303-34-4	Lasiocarpine
U124	110-00-9	Furfuran (l)	U144	301-04-2	Acetic acid, lead(2+) salt
U206	18883-66-4	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-	U144	301-04-2	Lead acetate
U206	18883-66-4	D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)-carbonyl]amino]-	U145	7446-27-7	Lead phosphate
U126	765-34-4	Glycidylaldehyde	U145	7446-27-7	Phosphoric acid, lead(2+) salt (2:3)
U163	70-25-7	Guanidine, N-methyl-N'-nitro-N-nitroso-	U146	1335-32-6	Lead, bis(acetato-O)tetrahydroxytri-
U127	118-74-1	Hexachlorobenzene	U146	1335-32-6	Lead subacetate
U128	87-68-3	Hexachlorobutadiene	U147	108-31-6	2,5-Furandione
U130	77-47-4	Hexachlorocyclopentadiene	U147	108-31-6	Maleic anhydride
U131	67-72-1	Hexachloroethane	U148	123-33-1	Maleic hydrazide
U132	70-30-4	Hexachlorophene	U148	123-33-1	3,6-Pyridazinedione, 1,2-dihydro-
U243	1888-71-7	Hexachloropropene	U149	109-77-3	Malononitrile
U133	302-01-2	Hydrazine (R,T)	U149	109-77-3	Propanedinitrile
U086	1615-80-1	Hydrazine, 1,2-diethyl-	U150	148-82-3	Melphalan

U098	57-14-7	Hydrazine, 1,1-dimethyl-	U150	148-82-3	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
U099	540-73-8	Hydrazine, 1,2-dimethyl-	U151	7439-97-6	Mercury
U109	122-66-7	Hydrazine, 1,2-diphenyl-	U152	126-98-7	Methacrylonitrile (I,T)
U134	7664-39-3	Hydrofluoric acid (C,T)	U152	126-98-7	2-Propenenitrile, 2-methyl- (I,T)
U134	7664-39-3	Hydrogen fluoride (C,T)	U153	74-93-1	Methanethiol (I,T)
U135	6/4/7783	Hydrogen sulfide	U153	74-93-1	Thiomethanol (I,T)
U135	6/4/7783	Hydrogen sulfide H2 S	U154	67-56-1	Methanol (I)
U096	80-15-9	Hydroperoxide, 1-methyl-1-phenylethyl-(R)	U154	67-56-1	Methyl alcohol (I)
U116	96-45-7	2-Imidazolidinethione	U155	91-80-5	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U137	193-39-5	Indeno[1,2,3-cd]pyrene	U155	91-80-5	Methapyrilene
U190	85-44-9	1,3-Isobenzofurandione	U156	79-22-1	Carbonochloridic acid, methyl ester (I,T)
U140	78-83-1	Isobutyl alcohol (I,T)	U156	79-22-1	Methyl chlorocarbonate (I,T)
U141	120-58-1	Isosafrole	U157	56-49-5	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
U142	143-50-0	Kepone	U157	56-49-5	3-Methylcholanthrene
U143	303-34-4	Lasiocarpine	U158	101-14-4	Benzenamine, 4,4'-methylenebis[2-chloro-
U144	301-04-2	Lead acetate	U158	101-14-4	4,4'-Methylenebis(2-chloroaniline)
U146	1335-32-6	Lead, bis(acetato-O)tetrahydroxytri-	U159	78-93-3	2-Butanone (I,T)
U145	7446-27-7	Lead phosphate	U159	78-93-3	Methyl ethyl ketone (MEK) (I,T)
U146	1335-32-6	Lead subacetate	U160	1338-23-4	2-Butanone, peroxide (R,T)
U129	58-89-9	Lindane	U160	1338-23-4	Methyl ethyl ketone peroxide (R,T)
U163	70-25-7	MNNG	U161	108-10-1	Methyl isobutyl ketone (I)
U147	108-31-6	Maleic anhydride	U161	108-10-1	4-Methyl-2-pentanone (I)
U148	123-33-1	Maleic hydrazide	U161	108-10-1	Pentanol, 4-methyl-
U149	109-77-3	Malononitrile	U162	80-62-6	Methyl methacrylate (I,T)
U150	148-82-3	Melphalan	U162	80-62-6	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U151	7439-97-6	Mercury	U163	70-25-7	Guanidine, -methyl-N'-nitro-N-nitroso-
U152	126-98-7	Methacrylonitrile (I, T)	U163	70-25-7	MNNG
U092	124-40-3	Methanamine, N-methyl- (I)	U164	56-04-2	Methylthiouracil
U029	74-83-9	Methane, bromo-	U164	56-04-2	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
U045	74-87-3	Methane, chloro- (I, T)	U165	91-20-3	Naphthalene
U046	107-30-2	Methane, chloromethoxy-	U166	130-15-4	1,4-Naphthalenedione
U068	74-95-3	Methane, dibromo-	U166	130-15-4	1,4-Naphthoquinone
U080	75-09-2	Methane, dichloro-	U167	134-32-7	1-Naphthalenamine
U075	75-71-8	Methane, dichlorodifluoro-	U167	134-32-7	alpha-Naphthylamine
U138	74-88-4	Methane, iodo-	U168	91-59-8	2-Naphthalenamine
U119	62-50-0	Methanesulfonic acid, ethyl ester	U168	91-59-8	beta-Naphthylamine
U211	56-23-5	Methane, tetrachloro-	U169	98-95-3	Benzene, nitro-
U153	74-93-1	Methanethiol (I, T)	U169	98-95-3	Nitrobenzene (I,T)
U225	75-25-2	Methane, tribromo-	U170	100-02-7	p-Nitrophenol
U044	67-66-3	Methane, trichloro-	U170	100-02-7	Phenol, 4-nitro-
U121	75-69-4	Methane, trichlorofluoro-	U171	79-46-9	2-Nitropropane (I,T)
U036	57-74-9	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	U171	79-46-9	Propane, 2-nitro- (I,T)
U154	67-56-1	Methanol (I)	U172	924-16-3	1-Butanamine, N-butyl-N-nitroso-
U155	91-80-5	Methapyrilene	U172	924-16-3	N-Nitrosodi-n-butylamine
U142	143-50-0	1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-	U173	1116-54-7	Ethanol, 2,2'-(nitrosoimino)bis-
U247	72-43-5	Methoxychlor	U173	1116-54-7	N-Nitrosodiethanolamine
U154	67-56-1	Methyl alcohol (I)	U174	55-18-5	Ethanamine, -ethyl-N-nitroso-
U029	74-83-9	Methyl bromide	U174	55-18-5	N-Nitrosodiethylamine
U186	504-60-9	1-Methylbutadiene (I)	U176	759-73-9	N-Nitroso-N-ethylurea
U045	74-87-3	Methyl chloride (I,T)	U176	759-73-9	Urea, N-ethyl-N-nitroso-
U156	79-22-1	Methyl chlorocarbonate (I,T)	U177	684-93-5	N-Nitroso-N-methylurea
U226	71-55-6	Methyl chloroform	U177	684-93-5	Urea, N-methyl-N-nitroso-
U157	56-49-5	3-Methylcholanthrene	U178	615-53-2	Carbamic acid, methylnitroso-, ethyl ester
U158	101-14-4	4,4'-Methylenebis(2-chloroaniline)	U178	615-53-2	N-Nitroso-N-methylurethane
U068	74-95-3	Methylene bromide	U179	100-75-4	N-Nitrosopiperidine
U080	75-09-2	Methylene chloride	U179	100-75-4	Piperidine, 1-nitroso-
U159	78-93-3	Methyl ethyl ketone (MEK) (I,T)	U180	930-55-2	N-Nitrosopyrrolidine
U160	1338-23-4	Methyl ethyl ketone peroxide (R,T)	U180	930-55-2	Pyrrolidine, 1-nitroso-
U138	74-88-4	Methyl iodide	U181	99-55-8	Benzenamine, 2-methyl-5-nitro-
U161	108-10-1	Methyl isobutyl ketone (I)	U181	99-55-8	5-Nitro-o-toluidine
U162	80-62-6	Methyl methacrylate (I,T)	U182	123-63-7	1,3,5-Trioxane, 2,4,6-trimethyl-
U161	108-10-1	4-Methyl-2-pentanone (I)	U182	123-63-7	Paraldehyde
U164	56-04-2	Methylthiouracil	U183	608-93-5	Benzene, pentachloro-

U010	50-07-7	Mitomycin C	U183	608-93-5	Pentachlorobenzene
U059	20830-81-3	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxohexopyranosyl)oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-	U184	76-01-7	Ethane, pentachloro-
U167	134-32-7	1-Naphthalenamine	U184	76-01-7	Pentachloroethane
U168	91-59-8	2-Naphthalenamine	U185	82-68-8	Benzene, pentachloronitro-
U026	494-03-1	Naphthalenamine, N,N'-bis(2-chloroethyl)-	U185	82-68-8	Pentachloronitrobenzene (PCNB)
U165	91-20-3	Naphthalene	U186	504-60-9	1-Methylbutadiene (I)
U047	91-58-7	Naphthalene, 2-chloro-	U186	504-60-9	1,3-Pentadiene (I)
U166	130-15-4	1,4-Naphthalenedione	U187	62-44-2	Acetamide, -(4-ethoxyphenyl)-
U236	72-57-1	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt	U187	62-44-2	Phenacetin
U279	63-25-2	1-Naphthalenol, methylcarbamate.	U188	108-95-2	Phenol
U166	130-15-4	1,4-Naphthoquinone	U189	1314-80-3	Phosphorus sulfide (R)
U167	134-32-7	alpha-Naphthylamine	U189	1314-80-3	Sulfur phosphide (R)
U168	91-59-8	beta-Naphthylamine	U190	85-44-9	1,3-Isobenzofurandione
U217	10102-45-1	Nitric acid, thallium(1+) salt	U190	85-44-9	Phthalic anhydride
U169	98-95-3	Nitrobenzene (I,T)	U191	109-06-8	2-Picoline
U170	100-02-7	p-Nitrophenol	U191	109-06-8	Pyridine, 2-methyl-
U171	79-46-9	2-Nitropropane (I,T)	U192	23950-58-5	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
U172	924-16-3	N-Nitrosodi-n-butylamine	U192	23950-58-5	Pronamide
U173	1116-54-7	N-Nitrosodiethanolamine	U193	1120-71-4	1,2-Oxathiolane, 2,2-dioxide
U174	55-18-5	N-Nitrosodiethylamine	U193	1120-71-4	1,3-Propane sultone
U176	759-73-9	N-Nitroso-N-ethylurea	U194	107-10-8	1-Propanamine (I,T)
U177	684-93-5	N-Nitroso-N-methylurea	U194	107-10-8	n-Propylamine (I,T)
U178	615-53-2	N-Nitroso-N-methylurethane	U196	110-86-1	Pyridine
U179	100-75-4	N-Nitrosopiperidine	U197	106-51-4	p-Benzoquinone
U180	930-55-2	N-Nitrosopyrrolidine	U197	106-51-4	2,5-Cyclohexadiene-1,4-dione
U181	99-55-8	5-Nitro-o-toluidine	U200	50-55-5	Reserpine
U193	1120-71-4	1,2-Oxathiolane, 2,2-dioxide	U200	50-55-5	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester,(3beta,16beta,17alpha,18beta,20alpha)-
U058	50-18-0	2H-1,3,2-Oxazaphosphorin-2-amine,N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide	U201	108-46-3	1,3-Benzenediol
U115	75-21-8	Oxirane (I,T)	U201	108-46-3	Resorcinol
U126	765-34-4	Oxiranecarboxyaldehyde	U203	94-59-7	1,3-Benzodioxole, 5-(2-propenyl)-
U041	106-89-8	Oxirane, (chloromethyl)-	U203	94-59-7	Safrole
U182	123-63-7	Paraldehyde	U204	7783-00-8	Selenious acid
U183	608-93-5	Pentachlorobenzene	U204	7783-00-8	Selenium dioxide
U184	76-01-7	Pentachloroethane	U205	7488-56-4	Selenium sulfide
U185	82-68-8	Pentachloronitrobenzene (PCNB)	U205	7488-56-4	Selenium sulfide SeS2 (R,T)
U161	108-10-1	Pentanol, 4-methyl-	U206	18883-66-4	Glucopyranose-, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-
U186	504-60-9	1,3-Pentadiene (I)	U206	18883-66-4	D-Glucose, 2-deoxy-2-[(methylnitrosoamino)-carbonyl]amino]-
U187	62-44-2	Phenacetin	U206	18883-66-4	Streptozotocin
U188	108-95-2	Phenol	U207	95-94-3	Benzene, 1,2,4,5-tetrachloro-
U048	95-57-8	Phenol, 2-chloro-	U207	95-94-3	1,2,4,5-Tetrachlorobenzene
U039	59-50-7	Phenol, 4-chloro-3-methyl-	U208	630-20-6	Ethane, 1,1,1,2-tetrachloro-
U081	120-83-2	Phenol, 2,4-dichloro-	U208	630-20-6	1,1,1,2-Tetrachloroethane
U082	87-65-0	Phenol, 2,6-dichloro-	U209	79-34-5	Ethane, 1,1,2,2-tetrachloro-
U089	56-53-1	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-	U209	79-34-5	1,1,2,2-Tetrachloroethane
U101	105-67-9	Phenol, 2,4-dimethyl-	U210	127-18-4	Ethene, tetrachloro-
U052	1319-77-3	Phenol, methyl-	U210	127-18-4	Tetrachloroethylene
U132	70-30-4	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	U211	56-23-5	Carbon tetrachloride
U411	114-26-1	Phenol, 2-(1-methylethoxy)-, methylcarbamate.	U211	56-23-5	Methane, tetrachloro-
U170	100-02-7	Phenol, 4-nitro-	U213	109-99-9	Furan, tetrahydro-(I)
U150	148-82-3	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-	U213	109-99-9	Tetrahydrofuran (I)
U145	7446-27-7	Phosphoric acid, lead(2+) salt (2:3)	U214	563-68-8	Acetic acid, thallium(1+) salt

U087	3288-58-2	Phosphorodithioic acid, O,O-diethyl S-methyl ester	U214	563-68-8	Thallium(I) acetate
U189	1314-80-3	Phosphorus sulfide (R)	U215	6533-73-9	Carbonic acid, dithallium(1+) salt
U190	85-44-9	Phthalic anhydride	U215	6533-73-9	Thallium(I) carbonate
U191	109-06-8	2-Picoline	U216	7791-12-0	Thallium(I) chloride
U179	100-75-4	Piperidine, 1-nitroso-	U216	7791-12-0	Thallium chloride TlCl
U192	23950-58-5	Pronamide	U217	10102-45-1	Nitric acid, thallium(1+) salt
U194	107-10-8	1-Propanamine (I,T)	U217	10102-45-1	Thallium(I) nitrate
U111	621-64-7	1-Propanamine, N-nitroso-N-propyl-	U218	62-55-5	Ethanethioamide
U110	142-84-7	1-Propanamine, N-propyl- (I)	U218	62-55-5	Thioacetamide
U066	96-12-8	Propane, 1,2-dibromo-3-chloro-	U219	62-56-6	Thiourea
U083	78-87-5	Propane, 1,2-dichloro-	U220	108-88-3	Benzene, methyl-
U149	109-77-3	Propanedinitrile	U220	108-88-3	Toluene
U171	79-46-9	Propane, 2-nitro- (I,T)	U221	25376-45-8	Benzenediamine, ar-methyl-
U027	108-60-1	Propane, 2,2'-oxybis[2-chloro-	U221	25376-45-8	Toluenediamine
U193	1120-71-4	1,3-Propane sultone	U222	636-21-5	Benzenamine, 2-methyl-, hydrochloride
U235	126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)	U222	636-21-5	o-Toluidine hydrochloride
U140	78-83-1	1-Propanol, 2-methyl- (I,T)	U223	26471-62-5	Benzene, 1,3-diisocyanatomethyl- (R,T)
U002	67-64-1	2-Propanone (I)	U223	26471-62-5	Toluene diisocyanate (R,T)
U007	79-06-1	2-Propenamide	U225	75-25-2	Bromoform
U084	542-75-6	1-Propene, 1,3-dichloro-	U225	75-25-2	Methane, tribromo-
U243	1888-71-7	1-Propene, 1,1,2,3,3,3-hexachloro-	U226	71-55-6	Ethane, 1,1,1-trichloro-
U009	107-13-1	2-Propenenitrile	U226	71-55-6	Methyl chloroform
U152	126-98-7	2-Propenenitrile, 2-methyl- (I,T)	U226	71-55-6	1,1,1-Trichloroethane
U008	79-10-7	2-Propenoic acid (I)	U227	79-00-5	Ethane, 1,1,2-trichloro-
U113	140-88-5	2-Propenoic acid, ethyl ester (I)	U227	79-00-5	1,1,2-Trichloroethane
U118	97-63-2	2-Propenoic acid, 2-methyl-, ethyl ester	U228	79-01-6	Ethene, trichloro-
U162	80-62-6	2-Propenoic acid, 2-methyl-, methyl ester	U228	79-01-6	Trichloroethylene
U373	122-42-9	Propham.	U234	99-35-4	Benzene, 1,3,5-trinitro-
U411	114-26-1	Propoxur.	U234	99-35-4	1,3,5-Trinitrobenzene (R,T)
U387	52888-80-9	Prosulfocarb.	U235	126-72-7	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U194	107-10-8	n-Propylamine (I,T)	U235	126-72-7	Tris(2,3-dibromopropyl) phosphate
U083	78-87-5	Propylene dichloride	U236	72-57-1	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt
U148	123-33-1	3,6-Pyridazinedione, 1,2-dihydro-	U236	72-57-1	Trypan blue
U196	110-86-1	Pyridine	U237	66-75-1	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
U191	109-06-8	Pyridine, 2-methyl-	U237	66-75-1	Uracil mustard
U237	66-75-1	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-	U238	51-79-6	Carbamic acid, ethyl ester
U164	56-04-2	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	U238	51-79-6	Ethyl carbamate (urethane)
U180	930-55-2	Pyrrolidine, 1-nitroso-	U239	1330-20-7	Benzene, dimethyl- (I,T)
U200	50-55-5	Reserpine	U239	1330-20-7	Xylene (I)
U201	108-46-3	Resorcinol	U240	1 94-75-7	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters
U203	94-59-7	Safrole	U240	1 94-75-7	2,4-D, salts & esters
U204	7783-00-8	Selenious acid	U243	1888-71-7	Hexachloropropene
U204	7783-00-8	Selenium dioxide	U243	1888-71-7	1-Propene, 1,1,2,3,3,3-hexachloro-
U205	7488-56-4	Selenium sulfide	U244	137-26-8	Thioperoxydicarbonyl diamide [(H2N)C(S)]2 S2, tetramethyl-
U205	7488-56-4	Selenium sulfide SeS2 (R,T)	U244	137-26-8	Thiram
U015	115-02-6	L-Serine, diazoacetate (ester)	U246	506-68-3	Cyanogen bromide (CN)Br
U206	18883-66-4	Streptozotocin	U247	72-43-5	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-
U103	77-78-1	Sulfuric acid, dimethyl ester	U247	72-43-5	Methoxychlor
U189	1314-80-3	Sulfur phosphide (R)	U248	1 81-81-2	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less
U207	95-94-3	1,2,4,5-Tetrachlorobenzene	U248	1 81-81-2	Warfarin, & salts, when present at concentrations of 0.3% or less
U208	630-20-6	1,1,1,2-Tetrachloroethane	U249	1314-84-7	Zinc phosphide Zn3 P2, when present at concentrations of 10% or less

U209	79-34-5	1,1,2,2-Tetrachloroethane	U271	17804-35-2	Benomyl
U210	127-18-4	Tetrachloroethylene	U271	17804-35-2	Carbamic acid, [1-[(butylamino)carbonyl]-1H-benzimidazol-2-yl]-, methyl ester
U213	109-99-9	Tetrahydrofuran (I)	U278	22781-23-3	Bendiocarb
U214	563-68-8	Thallium(I) acetate	U278	22781-23-3	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate
U215	6533-73-9	Thallium(I) carbonate	U279	63-25-2	Carbaryl
U216	7791-12-0	Thallium(I) chloride	U279	63-25-2	1-Naphthalenol, methylcarbamate
U216	7791-12-0	thallium chloride TICl	U280	101-27-9	Barban
U217	10102-45-1	Thallium(I) nitrate	U280	101-27-9	Carbamic acid, (3-chlorophenyl)-, 4-chloro-2-butynyl ester
U218	62-55-5	Thioacetamide	U328	95-53-4	Benzenamine, 2-methyl-
U410	59669-26-0	Thiodicarb.	U328	95-53-4	o-Toluidine
U153	74-93-1	Thiomethanol (I,T)	U353	106-49-0	Benzenamine, 4-methyl-
U244	137-26-8	Thioperoxydicarbonic diamide [(H2 N)C(S)]2 S2, tetramethyl-	U353	106-49-0	p-Toluidine
U409	23564-05-8	Thiophanate-methyl.	U359	110-80-5	Ethanol, 2-ethoxy-
U219	62-56-6	Thiourea	U359	110-80-5	Ethylene glycol monoethyl ether
U244	137-26-8	Thiram	U364	22961-82-6	Bendiocarb phenol
U220	108-88-3	Toluene	U364	22961-82-6	1,3-Benzodioxol-4-ol, 2,2-dimethyl-,
U221	25376-45-8	Toluenediamine	U367	1563-38-8	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-
U223	26471-62-5	Toluene diisocyanate (R,T)	U367	1563-38-8	Carbofuran phenol
U328	95-53-4	o-Toluidine	U372	10605-21-7	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester
U353	106-49-0	p-Toluidine	U372	10605-21-7	Carbendazim
U222	636-21-5	o-Toluidine hydrochloride	U373	122-42-9	Carbamic acid, phenyl-, 1-methylethyl ester
U389	2303-17-5	Triallate.	U373	122-42-9	Propham
U011	61-82-5	1H-1,2,4-Triazol-3-amine	U387	52888-80-9	Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester
U226	71-55-6	1,1,1-Trichloroethane	U387	52888-80-9	Prosulfocarb
U227	79-00-5	1,1,2-Trichloroethane	U389	2303-17-5	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3,3-trichloro-2-propenyl) ester
U228	79-01-6	Trichloroethylene	U389	2303-17-5	Triallate
U121	75-69-4	Trichloromonofluoromethane	U394	30558-43-1	A2213
U404	121-44-8	Triethylamine.	U394	30558-43-1	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester
U234	99-35-4	1,3,5-Trinitrobenzene (R,T)	U395	5952-26-1	Diethylene glycol, dicarbamate
U182	123-63-7	1,3,5-Trioxane, 2,4,6-trimethyl-	U395	5952-26-1	Ethanol, 2,2'-oxybis-, dicarbamate
U235	126-72-7	Tris(2,3-dibromopropyl) phosphate	U404	121-44-8	Ethanamine, N,N-diethyl-
U236	72-57-1	Trypan blue	U404	121-44-8	Triethylamine
U237	66-75-1	Uracil mustard	U409	23564-05-8	Carbamic acid, [1,2-phenylenebis(iminocarbonothioyl)]bis-, dimethyl ester
U176	759-73-9	Urea, N-ethyl-N-nitroso-	U409	23564-05-8	Thiophanate-methyl
U177	684-93-5	Urea, N-methyl-N-nitroso-	U410	59669-26-0	Ethanimidothioic acid, N,N'-[thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester
U043	75-01-4	Vinyl chloride	U410	59669-26-0	Thiodicarb
U248	1 81-81-2	Warfarin, & salts, when present at concentrations of 0.3% or less	U411	114-26-1	Phenol, 2-(1-methylethoxy)-, methylcarbamate
U239	1330-20-7	Xylene (I)	U411	114-26-1	Propoxur
U200	50-55-5	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3beta,16beta,17alpha,18beta,20alpha)-			
U249	1314-84-7	Zinc phosphide Zn3 P2, when present at concentrations of 10% or less			
U001	75-07-0	Acetaldehyde (I)			

Appendix C: TCLP Waste

Table 5.4 TOXICITY CHARACTERISTIC S WASTE S

Constituent	EPA Waste Number	Regulatory Level, ^a mg/L	Constituent	EPA Waste Number	Regulatory Level, ^a mg/L
Arsenic	D004	5	Hexachlorobenzene	D032	0.13
Barium	D005	100	Hexachlorobutadiene	D033	0.5
Benzene	D018	0.5	Hexachloroethane	D034	3.0
Cadmium	D006	1	Lead	D006	5.0
Carbon tetrachloride	D019	0.5	Lindane	D013	0.4
Chlordane	D020	0.03	Mercury	D009	0.2
Chlorobenzene	D021	100	Methoxychlor	D014	10
Chloroform	D022	6	Methyl ethyl ketone	D035	200
Chromium	D007	5	Nitrobenzene	D036	2
o-Cresol	D023	200	Pentachlorophenol	D037	100
m-Cresol	D024	200	Pyridine	D038	5
p-Cresol	D025	200	Selenium	D010	1
Cresol	D026	200	Silver	D011	5
2,4-D	D016	10	Tetrachloroethylene	D039	0.7
1,4-Dichlorobenzene	D027	7.5	Toxaphene	D015	0.5
1,2-Dichloroethane	D028	0.5	Trichloroethylene	D040	0.5
1,1-Dichloroethylene	D029	0.7	2,4,5-Trichlorophenol	D041	400
2,4-Dinitrotoluene	D030	0.13	2,4,6-Trichlorophenol	D042	2
Endrin	D012	0.02	2,4,5-TP (silvex)	D017	1
Heptachlor	D031	0.008	Vinyl chloride	D043	0.2

^aFor materials undergoing the Toxicity Characteristic Leaching Procedure, concentrations exceeding these values result in the waste being regulated as "hazardous".

Appendix D: Examples of Hazardous Waste

(Including special waste that must be separated from normal trash)

Flammable Materials/Solvents

- Mineral Spirits
- Oil-based paints/spray paint/spray adhesives
- Turpentine
- Rubber Cement
- Rubbing (isopropyl) alcohol
- Aerosol cans
- Citrus-based solvents
- Cleaning rags used w/flammable solvents
- Paints or markers, or dyes containing non-aqueous solvents

Corrosives

- Drain Openers
- Sodium hydroxide
- Muriatic acid (hydrochloric acid)
- Sulfuric acid

Reactives

- Sodium and potassium metal
- Sodium and potassium cyanide & solutions
- Water reactive and shock sensitive compounds

Other

- Photofixer and any products containing silver at a concentration of >5ppm.
- Paint strippers
- Products containing methylene chloride or other chlorinated solvents
- UV lamps
- HID (sodium or mercury vapor) lamps
- Florescent lamps
- Ballasts or capacitors containing PCB's (Polychlorinated biphenyls)
- Nickel-cadmium or lead batteries (also silver or mercury batteries)
- Mercury switches, thermostats, thermometers, barometers, etc.

IF YOU ARE UNSURE THAT A WASTE MATERIAL MAY BE CLASSIFIED AS A HAZARDOUS WASTE, PLEASE CONTACT EH&S Derek Krepp at 857-6221, dkrepp@uwf.edu or Peter Robinson at 474-2435, Probinso@uwf.edu.

Appendix E: UWF Hazardous Waste Generation Locations

Primary Hazardous Waste Generation Locations on Campus

Building 4 – Physics and Engineering
Building 13 – Earth and Environmental Science
Buildings 40/91/93 - Utilities/Physical Plant Maintenance/Transportation
Building 46 - Housing Maintenance
Building 58 - Biology/Chemistry/Medical Technology/CEDB
Building 58A - Biology/Chemistry/CEDB
Building 58C- Biology/Chemistry/CEDB
Building 72 – Exercise Science
Building 82 - Art /Theater
Building 82A - Art
Building 83 – Wetlands Lab, CEDB
Building 95A - Fluorescent Bulb and PCB Ballast Storage
Building 148 - Hazardous Waste Storage Building

Spill Control and Clean-up Equipment

Laboratories and maintenance operations using hazardous materials will on occasion spill products. The clean-up materials from spilled hazardous products may be regulated as a hazardous waste. Each area generating and accumulating hazardous waste in satellite accumulation areas, shall have spill control materials readily available for the types of waste generated. Materials shall include at a minimum absorbants, neutralizing agents, containers, brushes and dust pans, gloves, safety glasses and goggles. Departments are encouraged to purchase and maintain the materials needed. EH&S maintains spill control materials in the Hazardous Waste Storage Building and in Building 58.

Fire Control/Extinguishing Equipment - Federal and state regulations require that fire extinguishing equipment must be readily available. Fire extinguishers are located in prominent areas in each building in accordance with the requirements of NFPA 10 and the Office of the State Fire Marshal. Buildings 13 and 58 are also protected by a fire sprinkler system. Building 148 is equipped with an automatic heat or manually activated dry chemical fire suppression system.

Emergency Phones - Red Phones or emergency phones are located most classroom/laboratory buildings. Office phones are available in non-teaching, administrative and support areas. Buildings 55 and 148 have access to phones in Buildings 48 and 49 and/or two-way radio communication.

Location of Spill Control

Building 4 - Physics - Laboratory Room - Room 446
Buildings 40/91/93 - Physical Plant Maintenance/Utilities - Waste generation area.
Building 46 - Housing Maintenance - Paint Shed
Building 58 - Biology/Chemistry/Clinical Laboratory Sciences/CEDB - Portable cart in hallway
Building 58A – Biology/Chemistry/CEDB - Portable cart in hallway accessible to labs
Building 58C - Biology Chemistry/CEDB - Maintained by each laboratories
Building 82 - Art /Theater - 243A, 254
Building 83 – Wetland's Lab- Hallway outside Room 116
Building 95A - Fluorescent Bulb, PCB Ballast Storage Container/Absorbent storage for EH&S
Building 148 - Hazardous Waste Storage Buildings

Appendix F: Additional Information

Additional information may be obtained from the following sources:

1. Laboratory Waste Management: A Guidebook, ACS Taskforce on Laboratory Waste Management; American Chemical Society, Washington, D.C. (1994).
2. Less is Better: Laboratory Chemical Management for Waste Reduction, 2nd Ed.; ACS Taskforce on Laboratory Waste Management; American Chemical Society, Washington, D.C. (1993).
3. Prudent Practices in the Laboratory: Handling and Disposal of Chemicals: National Research Council; National Academy Press; Washington, D.C. (1995).
4. Summary of Hazardous Waste Regulations; Florida Department of Environmental Protection; (1997) - See Section V.
5. Pollution Prevention and Waste Minimization in Laboratories; Reinhardt, Peter, et al; CRC Press Lewis Publishers; Boca Raton, FL; (1996)
6. Florida Department of Environmental Protection main website: <http://www.dep.state.fl.us/mainpage/default.htm>
7. Environmental Protection Agency website: <https://www.epa.gov>
8. Fisher Scientific Chemical Stockroom Handbook
http://static.fishersci.com/cmsassets/downloads/segment/Scientific/pdf/Chemicals/Stockroom/Chemical_Stockroom_Handbook.pdf