

TEMPLE UNIVERSITY

RCRA HAZARDOUS DRUGS/PHARMACEUTICAL DISPOSAL CHART

Type of Waste

RCRA P-LISTED WASTE CODES

Note: must contain constituent as sole-active ingredient and be unused or discarded

Name (Constituent of Concern)	Trade/Product Name Examples	EPA Waste Code #	Comment	Disposal Container
Warfarin & Salts (Concentration >0.3%)	Coumadin; Warfarin	P001		BLACK RCRA CONTAINER
Arsenic/Arsenic trioxide	Trisenox	P012	Chemo	
Epinephrine ¹	Adrenalin; EpiPen; Eppy/N; Epifrin; Epinal; Anaphylaxis kit; Epinephrine (inhalants, injectables, kits); Raceinephrine; Racord; Primatene aerosol inhaler	P042		
Phentermine ¹	Phentermine (CIV)	P046		
Nicotine & Salts	Nicotine patches, Habitrol, Nicoderm, Nicorette; Nicotrol; Tetrahydronicotyrine; Nicotine Nasal Spray, Nicotine Gum	P075		
Phsostigmine salicylate	Eserine salicylate	P188		
Physostigmine	Eserine	P204		

¹Epinephrine salts and Phentermine HCL are exempted by EPA-EPA memo on file with EHRS. Most medical formulations/drugs are made with epinephrine salts and are thus exempted from regulations

RCRA U-LISTED WASTE CODES

Note: must contain constituent as sole-active ingredient and be unused or discarded

Name (Constituent of Concern)	Trade/Product Name Examples	EPA Waste Code	Comment	Disposal Container
Acetone	Nail Polish Remover, Solvents	U002		Original container or other suitable and EHRS approved compatible container
Mitomycin C	Mitomycin; Mitomycin C; Mutamycin; Mutamycin VHA Plus	U010	Chemo	BLACK RCRA CONTAINER*
Azaserine	Chemotherapy for leukemia	U015		
Chloral/Chloral hydrate	Chloral Hydrate (CIV)	U034	Controlled substance	Dispose according to DEA requirements
Chlorambucil	Leukeran	U035	Chemo	BLACK RCRA CONTAINER*
Chloroform	Not commonly seen	U044		
Cyclophosphamide	CTX;Cytosan injection; Lycophillized/VHA Plus; Neosar; Procytox, Cytosan	U058	Chemo	
Daunomycin	Danorubicin, Cerubidin, DaunoXome, Rubidomycin; Liposomal; Idarubicin/Idamycin; Daunomycin	U059	Chemo	
Dichlorodifluoromethane	Dichlorodifluoromethane	U075		
Diethylstilbestrol	Diethylstilbestrol, DES (synthetic estrogen), Stilphostrol	U089		
Trichloromonofluoromethane	Trichloromonofluoromethane	U121		
Lindane	G-Well shampoo; Kwell shampoo	U129		
Hexachlorophene	PhisoHex disinfectant	U132		
Melphalan	Alkeran;L-PAM;Melphalan	U150	Chemo	

RCRA U-LISTED WASTE CODES

Note: must contain constituent as sole-active ingredient and be unused or discarded

Name (Constituent of Concern)	Trade/Product Name Examples	EPA Waste Code	Comment	Disposal Container
Mercury	Mercurochrome; Mercury Iodide; Mercury chloride; Mercury Sulfate	U151		Original container or other suitable and EHRS approved compatible container
Paraldehyde	Paral; Paraldehyde (CIV)	U182		BLACK RCRA CONTAINER*
Phenacetin	Acetophenetidin; typically veterinary	U187		
Phenol	Phenol; Liquefied phenol, In Castellanni paint	U188		Original container or other suitable and EHRS approved compatible container
Reserpine	Reserpine	U200		BLACK RCRA CONTAINER*
Resorcinol	Resorcinol	U201		
Selenium sulfide	Exsel shampoo; selenium sulfide; Selsun	U205		
Streptozotocin	Streptozotocin; Steptozocin; Zanosar	U206		
Uracil Mustard	Uracil Mustard; Uramustine	U237		
Warfarin & Salts (Concentration ≤ 0.3%)	Warfarin	U248	All warfarin tablet strength are > 0.3%	

RCRA CHARACTERISTIC WASTE CODES

Characteristic Waste	Trade/Product Name Examples	EPA Waste Code	Comment	Disposal Container
Aqueous drug formulation containing 24% or more alcohol by volume	Erythromycin gel 2%/ Topical Solution	D001		Original container or other suitable and EHRS approved compatible container
	Cleocin-T Topical Solution			
	Benzoin Tincture			
	Compound W			
	Texacort solution 1%			
	Methanol			
	Paregoric			
	Taxol injection			
	Etoposide			
	Paclitaxel			
	Valrubicin			
	Retin A gel			
Absolute alcohol				
Liquid drug formulations, with a flashpoint of less than 140°F or 60°C, except aqueous solutions containing less than 24% alcohol	Flexible collodion	D001		
Oxidizers or materials that readily supply oxygen to a reaction in the absence of air by the DOT	Amyl nitrite inhalers	D001		
	Silver nitrate applicators			
Flammable aerosol propellants meeting the DOT definition of a compressed gas	Primatene aerosol	D001		
Corrosives ¹	Glacial Acetic Acid	D002		
	Sodium Hydroxide Solution			
	Solutions with a pH <2 or > 12.5			

¹ Most corrosive waste will be compounding chemicals.

RCRA CHARACTERISTIC WASTE CODES				
Characteristic Waste	Trade/Product Name Examples	EPA Waste Code	Comment	Disposal Container
Reactive ²	Any compound that is unstable and readily undergoes violent change; reacts violently, forms potentially explosive mixtures or generates toxic fumes when mixed with water; cyanide or sulfur waste that releases toxic fumes at pH between 2 and 12.5; or is explosive or capable of detonating at standard temperature and pressure	D003		Original container or other suitable and EHRS approved compatible container
Barium	Barium sulfate (used in radiology); Barium sulfide Barium hydroxide; Barium chloride, Readi-CAT	D005		
Cadmium		D006		
Chromium	Multiple mineral preparations; Chromium; Chromium trioxide	D007		
Mercury ³	Any drug with thimerosal or phenylmercuric acetate (vaccines, eye drops, nasal spray, etc..)	D009	MDV Vaccines	
Selenium	Dandruff shampoo, multiple mineral preparations	D010		
Silver	Silver sulfadiazine cream; Silver nitrate; Silvadene; Argyrol S.S.; Arzol silver nitrate, SilverNitrate Sticks, Silvadene Cream	D011		
Lindane	Treatment of lice, scabies	D013		
Chloroform	Not commonly seen	D022		
M-cresol	Insulin w/ cresol,(NovoLog, Novolin R, Novolin 70/30, Levemir, Lantus, Humalog, Quickpen) Betamethasone (Teva), Dental Paste	D024		

² Nitroglycerin is the only pharmaceutical that may be considered reactive. Most medical formulations of nitroglycerin are not reactive and are therefore not regulated.

³ In some Multidose Vials, Ointments & Creams