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**CANADIAN NATIONAL INVENTORY OF
HAZARDOUS AND TOXIC WASTES**

VOLUME 2

**MASTER LIST OF HAZARDOUS AND TOXIC
WASTE STREAMS BY S.I.C. NUMBER**

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ENVIRONMENT CANADACANADIAN NATIONAL INVENTORY
OF HAZARDOUS AND TOXIC WASTESVOLUME 2MASTER LIST OF HAZARDOUS AND TOXIC
WASTE STREAMS BY S.I.C. NUMBERINTRODUCTION

The purpose of the project is the development of a comprehensive national inventory of hazardous and toxic wastes. The methodology involved identifying the relevant SIC groups that produce hazardous wastes and listing the corresponding Canadian industries who may be potential generators. The literature, particularly that from the U.S. Environmental Protection Agency, was searched for information on which to establish a master list of hazardous waste streams and to derive U.S.-Canada generation factors. The factors were then used along with employee data to compute Canadian hazardous waste quantities.

Volume 1 explains in detail the purpose of the study project, its methodology and data presentation. It also provides:

- The relevant SIC groups.
- A list of relevant Canadian industries, who potentially may be generators of the waste streams listed in this Volume 2.

Volume 2 explains the hazardous and toxic wastes master list assembly, the listing arrangement and detailed identification listings, future updating considerations, the background of the waste quantity information and its provision in Volume 2 and an explanation of the present coding and numbering of waste streams in the U.S. and Canada. It also provides a listing by S.I.C. number of:

- some 100 groups of relevant industries
- listing of their products
- listing of their potential hazardous waste streams
- listing of their hazardous and toxic components
- the approximate Canadian annual quantities of these waste streams, estimated and derived through the medium of correlation with data from 1970 - 1980 U.S. hazardous waste inventories

Volume 3 complements Volumes 1 and 2, and provides, mainly in table form, the prime building blocks and summaries developed for this Canadian National Inventory of hazardous waste streams and quantities. It also provides national and regional overviews by means of mapping to show geographical distribution.

HAZARDOUS AND TOXIC WASTES MASTER LIST ASSEMBLY

The basis of the master listing of the wastes in this Volume is the 4-digit S.I.C. list of some 100 groups of industries, identified in Volume 1. Also presented in Volume 1 is a further sub-division in manufacturing groups and single type industries, classified by 5 to 7 digit S.I.C. numbers.

Where necessary and practicable this further sub-division has been utilized to afford as detailed as possible an identification and correlation between relevant industries, their products and their waste streams.

Especially in the chemical industry there is a proliferation of products and consequently extensive sub-division of industries and their waste streams. The assembled master list covers these to the extent as identified from the researched U.S. literature. The waste streams listed are generally defined in accordance with the U.S. literature.

LISTING ARRANGEMENT

The 1970-1980 U.S. literature has been found to identify waste streams by 2-digit, 3-digit, 4-digit and occasionally 5 to 7 digit S.I.C. numbers. * Inevitably a certain overlap and duplication was encountered. Such overlap has been eliminated, but only to the extent where such duplication was fully clear in order to avoid accidental elimination of waste streams.

The master list is arranged in sequence of main grouping to detailed grouping. Thus, the S.I.C. 2-digit waste stream lists are given first, then the 3-digit listings, etc. Whenever readily identifiable, the larger S.I.C. number has been added in brackets behind each waste stream. The reader should appreciate that this more detailed identification is done on the basis of the descriptions of the manufacture and products and the waste stream as defined. Where waste streams are defined in such a way, that they describe combinations of product waste streams or where their correlation to specific products is not clear, no S.I.C. number is given in brackets in the waste stream listing.

DETAILED IDENTIFICATION LISTINGS

To accommodate detailed identification of waste streams by specific manufacture to the best possible extent, S.I.C. manufacture, products identification and definitions have been listed in appreciable detail. However, it should be appreciated that listing of a manufactured product, because it is categorized under a given 4-digit number does not necessarily mean that this particular product is directly associated with hazardous waste generation. In many cases the waste stream's description or definition may show whether this is the case or not, but in others only a direct inquiry (or survey) from the manufacturers will verify whether the product manufacture generates one or more associated hazardous wastes.

* Most U.S. studies in the last decade utilized the S.I.C. numbering to identify manufacture and products from which hazardous wastes originate. Only recently has E.P.A. switched to a direct number code for waste streams. This will be explained later together with Canadian Code Systems and Correlation.

The attempt to provide as much detail as possible both on the manufacture/ product side as well as on the hazardous water-waste stream/hazardous components side has caused the master listing to go in a somewhat "leap frogging" fashion with respect to the listings by 2-digit and 3-digit products versus waste listings. The more specific 4-digit to 7-digit S.I.C. code listings as found in the literature, of course will give a more direct line-up for manufacture, product, waste stream and components.

Furthermore, it will be observed that only in part of the listings have the hazardous components in the described waste streams been identified. The detailed identification, again, is only given in so far as provided in the literature.

FUTURE UPDATING

The hazardous waste master listing as presented in this Volume should be viewed as a starting point only. New literature and constructive criticism over time will afford the list to be augmented and improved. Inevitably this first attempt to arrive at a complete listing to match the Canadian definition of hazardous wastes will leave certain gaps and accuracy limitations for the time being.

It is expected that users of this listing and any parties involved with hazardous wastes generation or disposal will both by criticism and contribution provide the necessary information to update the master listing from time to time. From experience in the U.S., especially with respect to inclusion or exclusion of such listings, an up-date every five years (which may coincide with the Canadian census taking) may be most practical and useful.

Industry, as the prime generator of hazardous wastes, should take a leading role in the concerted efforts to expand and improve this information working basis.

WASTE QUANTITY INFORMATION - BACKGROUND

Most of the utilized U.S. information on quantities of hazardous wastes generated by industries and groups of industries has been compiled under U.S. government study contracts with, as sponsor, the U.S. Environmental Protection Agency, National Environmental Research Center, Office of Research and Development. Information and reporting is mainly distributed by the National Technical Information Service (NTIS) of the U.S. Department of Commerce.

In the earlier years, leading up to the 1974 E.P.A. "Report to Congress on Disposal of Hazardous Wastes", the main contractors assembling their extensive data were:

- 1) T.R.W. Systems Group of California
- 2) Booze Allen Applied Research Inc. of Bethesda, Maryland
- 3) Battelle Memorial Institute of Columbus, Ohio

Many others have also been involved in E.P.A. studies to close information gaps or improve the original data basis since then, including Versar Incorporated, Wapora Incorporated and others.

It must be understood that with the variety of consultants involved, each researching hazardous waste generation and disposal practices utilizing their own individual methods, that there can be appreciable differences in waste definitions and descriptions as well as waste quantity assembly completeness and accuracies, even though in many cases industries were approached either directly or indirectly to make the information as complete and reliable as possible.

It also should be appreciated that within any one industry category or group, the quantity generation of liquid hazardous wastes can vary appreciably, simply because of concentration differences. With the enormous variety of hazardous liquid wastes, especially from the thousands of chemical products associated with generation of wastes, as yet a common basis of agreement on standard waste strength does not exist.

When legislation and regulation are considered, the problem of definition of waste strength and quantities can become highly involved. Quantity information as given in the following master listing, has been statistically derived using as a data base, information on waste quantities collected from U.S. sources which is of varying accuracy. Although this will be extremely useful as a basis for policy making, hazardous waste management planning for facility design considerations and identification of areas of environmental protection concerns, it should not be considered a basis for pinpointing specific point sources. Detailed waste definition and quantity information at this point in time lacks completeness, consistency and sufficient accuracy for such specific purposes.

WASTE QUANTITY INFORMATION PROVIDED

Waste quantity information numbers for Canada as a whole, and by region, including summaries, qualifications and related information on the assembly, processing and correlation methods utilized are presented in a separate volume. However, the distribution for sub-waste streams and summaries for major industrial groupings which represent secondary Canadian numbers derived from the prime and direct U.S.-Canada correlation processing are not included in this volume. It is suggested that the user may do this himself if he so desires from the quantity lists given in other volumes.

PRESENT CODING AND NUMBERING

The earlier U.S. studies are the working basis for present U.S. regulation and definition of hazardous wastes. These earlier studies traced back and correlated the hazardous waste streams and components as listed herein to the specific products and manufacture that these wastes originate from. But the massive information from the U.S. inventories tended to be unwieldy for certain applications, especially with respect to definition and legal formulations. Efforts then were made to channel this information into logical groupings with emphasis on handling and treatment as well as legal status considerations.

It should be appreciated hereby that certain hazardous waste stream components originate from and are common to a multiple of manufacturing processes. By giving these components a number they can be identified independently of present or future manufacture origin.

The listing by code number, although it generally simplifies hazardous waste listings by avoiding duplication tends to conceal the origins of these wastes. Such numbered and coded listings are particularly impractical for making inventories for the purpose of quantity identification, establishing geographical distribution, etc. and consequently for planning and designing transportation and disposal facilities.

The present official hazardous waste numbering adopted in the U.S. may be found in the Federal Register of January 16, 1981. The main listings and their numbering are:

- "Hazardous waste from non-specific sources" generic listing Nos. F001 to F016
- "Hazardous waste from specific sources", corresponding to 2-digit SIC manufacturing groups; listing Nos. K002 to K069
- Discarded Commercial Chemical Products, Spill Residues, etc. (i.e. hazardous commodities), numbered from P001 to P030
- Unnumbered lists in alphabetical order of hazardous components ("constituents") of waste streams

The Canadian (Federal) Environmental Protection Service listing, numbered from NA9301 to NA9397, is identical to this recent U.S. (RCRA) code. For convenience of correlation the Canadian and U.S. numbers are shown in brackets in this Inventory Master Listing of Hazardous Wastes, while a correlation table is also presented in Volume 3.

MASTER LIST OF HAZARDOUS AND TOXIC
WASTE STREAMS BY S.I.C. NUMBER

TABLE NOTES

- 1) TEAC TPY = total estimated approximate Canadian tonnes (metric) per year.
All these shown quantities (unless shown in brackets) are
based on and correlated from U.S. quantities. Although fairly
rough approximations, these numbers have not been rounded in
this table but for reasons of processing convenience only.
- 2) This list incorporates symbols that the U.S. EPA used to indicate their
basis for listing hazardous waste streams, as follows:

T = TOXIC
C = CORROSIVE
R = REACTIVE
I = IGNITABLE

SIC	MANUFACTURING GROUPS	PRODUCTS (Products)	HAZARDOUS WASTES		TE/C
			WASTE STREAM	HAZARDOUS COMPONENTS	
17541	Uranium Ores	Ores	Waste rock from underground mining ores of U-235 (uranium tailings)	Uranium and its daughters: U-235, Uranium, Radon and Thorium	
17541	Uranium Ores and Thorium Concentrates	Tailings and concentrates	1) Slurries from uranium concentrator: acid leach solvent (concentrator) (waste sludge, uranium tailings) 2) Liquid extraction from the acid leach-solvent plant	U-238, Radon-226, Thorium-232, and Thorium-234 Ra-226, Th-230, Ca, Fe, Ni, Al, V, As, NH, fluorides, sulfates, and chlorides	
17550	Nematocitic Mineral Products N.E.C. (not elsewhere classified)	Ores, concentrates, tailings from: Cadmium ore extraction Antimony ore mining Bauxite ore mining Beryl mining Barium ore mining Cerium ore mining Limonite mining Iridium ore mining Manganese mining Nonferrous mining Osmium ore mining Palladium ore mining Platinum group ore mining Rhenium ore mining Rhodium ore mining Ruthenium ore mining Sulfide mining Thorium ore mining Tin ore mining Titaniferous-magnesian mining, valued chiefly for titanium content Titanium ore mining Zirconium ore mining	Tellurium and concentrates; tailings from the cold leach-solvent plant	Cadmium carbide; ammonium salts; traces of metals High pH due to the presence of Nickel results in the formation of a variety of toxic materials	N.A.
17551	Minerals and Quarrying	Tellurium and concentrates	Fouled Aqueous leach from the concentration of tellurite	(N.A. = not available)	
17551	MINING AND QUARRING				
17551	17551 MINING, PRODUCTS MINING (Copper, soda and borax minerals)				(No hazard is listed reported in U.S. literature)

SIC	MANUFACTURING GROUPS	PRODUCTS (Reverts)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEAC TRY
1475	Phosphate Rock (1476) (Rock; SIC) (1477) (Sulfur) (1478) (Cerium, and tellurium mineral mining; SIC)	Abelite mining Phosphate rock mining	Not In Canada, & hazardous wastes reported in U.S. literature (See SIC 1474 n.n.t.) (See SIC 1472 n.n.t.) (See SIC 1472 n.n.t.) denotes type of mining as listed in Canadian Mines; in book)			
		Alumite mining Ambygonite mining Arsenic mineral mining Celsite mining Quartz mining Lepidolite mining Lithium mineral mining Herzomite mining Mineral pigment mining Ocher mining Pyrites mining Pyrrhotite mining Silema mining Spodumene mining Strontianite mining Strontium mineral mining Ubari mining				
22	TEXTILE MILL PRODUCTS, INCLUDING 221 BROD WOVEN TEXTILE PRODUCTS 223 C-rod woven fabric mills; wool (including dyeing and finishing)		Textiles as noted in first column. See also below waste stream No. 18 for specific SIC numbers - waste stream listings	See below	29,725	
224	IRON WOVEN TEXTILE PRODUCTS			See below	545	
225	IRON WOVEN TEXTILE PRODUCTS 2250 WOVEN FABRIC FINISHES (KNITTING MILLS)				50	
2253	Knit garment wear mills					
2257	Circular knit fabric mills					
2258	Warp knit fabric mills					

SIC	MANUFACTURING GROUPS	PRODUCTS (Products)	HAZARDOUS WASTES	WASTE STREAM	HAZARDOUS WASTES	TEC TRY
225 (except 2251)	2251 Cotton fabric finishing					
2262	Finishers of broad woven fabrics of man-made fibre and silk					11,100 17,556
2269	Finishers of textile NEC (not elsewhere classified)					235
(2271) Carpets and rugs NEC		Cotton, polyester, etc.				90
22	TEXTILE MIL. PRODUCTS (Total: waste streams)		See below at 2221, etc.		Dyestuff; Compounds of: Chromium, Copper and Zinc; Hydrogen Fluoride	28,725
					Dyestuff, Chlorinated Organics, and Compounds of: Arsenic; Barium; Cadmium; Chromium; Copper; Iron; Lead; Manganese; Mercury; Zinc; Polybromine; Nickel; Aluminum; Potassium; Sodium; Strontium	
					Acetone, Methanol, Naptha, Trichlorethane, Perchloroethane, Dioxane, Butyl Cellosolve, Cupric Cellulosic and Standard Solvent-Petroleum Distillates	
					Copper Chlorides, Diphenyl Ether, and other Organics Lead, Aluminum Chloride, Hydrochloric Acid, Salts	
					Sludge containing Chlorinated Hydrocarbons	
					Acetic, Formic, Hydrochloric, Sulfuric and Phthalic, Carboxlic	
					Mono-, Bi-, and Triethanolamines, Sodium Carbonate, Sodium Hydroxide and Sodium Meta-silicate	
					Sodium Hypochlorite, Hydrogen Peroxide, Sodium Perborate, Sodium Chlorite	
					Polyvinyl Acetate, Polyacrylates and Methacrylates, Polyvinyl Alkaloids, Polyvinyl Chloride, Coal-tar: of: Aromatic Nitro, Butylate, Styrene, Polymers, Modified Starch Ethers and Natural Rubber Latex	
					(1) Waste Adhesives and Polymers	
					9) Waste Bleaches;	
					8) Waste Alkalies;	

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	TSC TPY
			HAZARDOUS COMPONENTS	
		WASTE STREAM		
		11) Waste Cross-Linking Agents	Urea Formaldehyde, Formaldehyde, Cyclohexene,	
		12) Waste Carbonylating Agents for Wool	and Methyl Isoborates	
		13) Waste Conditioners	Aluminum Chloride and Sulfuric Acid	
		14) Waste Catalysts	Ethyleneglycol, Propylene Glycol and Glycerine	
		15) Waste Detergents, Soaps, Dispensing Agents	Diammonium Phosphate, Magnesium Chloride, Calcium Chloride, Zinc Nitrate and Zinc Chloride	
		16) Waste Dye Assistants, Carriers, & Accelerants	Alkyl Aryl Sulphonates, Alkane Sulfonates, Sodium Amine Soaps, Alkyl Phosphate Salts, Sodium Polyphosphates, Polyethoxy Iso Oxo and Polypropylene Oxide Condensates, Sodium and Potassium Soaps: Oleate and Stearates	
		17) Masters Flame Retardants	Trichlorobenzene, Butyl Benzene, Ortho Phenylphenol, Bisphenol, Methyl Salicylate, Alkyd Resins, Tetrabrominated Aromatic, Toluene Chlorinated Aromatic, Phenol and Copolymers of Acrylonitrile and Vinyl Chloride	
		18) Waste Chemical Finishes	Polyethylene and Polypropylene Leno-softeners, Polymeric Hand Builders, Quaternary Ammonium Long Chain Aliphatic - Softeners, Silicaon Filled-Lubricants, Siloxanes Polymers: Water Repellents; Ammonium Phosphate, Thiazoles, Copolymers of Vinylidene Chloride, Tetraethox bis Phenol and Copolymers of Acrylonitrile and Vinyl Chloride	
			See above general list at SIC 22	
223	BROAD WOVEN TEXTILE PRODUCTS		Wool fabric, dyed and finishing wastes - water treatment sludges (T)	
2251	Broad woven fabric mills, wool (including dyeing and finishing	Alpacas, mohair: woven Bole dyeing of yarn and fabrics of wool and similar fibers: except knit		545
		Blurred cloths, mits		
		Blankets and blankets, of wool and similar fibers: mits		
		Bleaching yarn and fabrics, of wool and similar fibers: except knit fabric		
		Broad woven fabrics, of wool, mohair, and similar fibers		
		Surfing and rendering cloth for the trade		

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS CONTAMENTS	TEAC 177
		<p>Calendering of wool, mohair, and similar fiber fabrics: except knit fabrics</p> <p>Cloth wool: mending - for the trade</p> <p>Drying and finishing of wool and similar fibers: except knit fabric, animal fiber: broad woven fabric finishing of wool, mohair, and similar fibers: except knit fabrics, broad woven: of wool, mohair, and similar fibers</p> <p>Felts of wool, mohair, and similar fibers: woven</p> <p>Finishing of wool, mohair, and similar fiber fabrics: except knit fabrics of wool, mohair, and similar fibers</p> <p>Haircloth of wool, mohair, and similar fibers</p> <p>Milliners, contract: wool, mohair, and similar fibers</p> <p>Napping of wool, mohair, and similar fiber fabrics</p> <p>Narrow fabrics: drying and finishing of wool, mohair, and similar fibers</p> <p>Overcoating, of wool, mohair, and similar fibers</p> <p>Pantings: of wool, mohair, and similar fibers</p> <p>Papermakers' felts, woven of wool, mohair, and similar fibers</p> <p>Raw stock dyeing and finishing of wool, mohair, and similar fibers</p> <p>Refinishing and sponging cloths of wool, mohair, etc. for the trade</p> <p>Sergs of wool, mohair, and similar fibers</p> <p>Shrinking cloth of wool, mohair, and similar fibers: for the trade</p> <p>Skirtings</p> <p>Sponging and retinning cloth of wool and similar fibers: for the trade</p>				

SIC	MANUFACTURING GROUPS	PRODUCTS (Partials)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEAC TRY
224	NARROW WIDTH TEXTILE PRODUCTS	Suitings of wool, mohair, and similar fibers Transfers of wool, mohair, and similar fibers Upholstery fabrics, wool Yarn dyeing of tops, yarn, and textiles: of wool, mohair, and animal fibers - except knit Weaving mills, broad woven fabrics: of wool, mohair, and similar fibers Woolen fabrics, broad woven Yarn bleaching, drying and finishing: of wool, mohair, and similar fibers				
2241	NARROW FABRICS AND OTHER SMALLWARE MILLS: cotton, wool, silk and man-made fiber	Auto webbing Auto wind laces Banding, spindle Belting, woven or braided Bindings, textile: nitse Braids, textile Braids, tubular woven and plastic Cards, fabric Corset laces Cotton narrow fabrics Elastic narrow fabrics, woven or braided Elastic webbing Electric insulating tapes and braids, except plastic Fabric, animal fiber: narrow woven Fringes, weaving Glass narrow fabrics Glove lining fabrics Hat band fabrics Hose fabric, tubular Insulating tapes and braids, electric Labels, woven Laces, auto wind Laces, corset and shoe: textile Locing: nitse		See above general list at SIC 22	95	

SIC	MANUFACTURING GROUPS	PRODUCTS (BENEFITS)	HAZARDOUS WASTES		TCC PER
			WASTE STREAM	HAZARDOUS COMPONENTS	
225	<u>2251 FABRIC FINISHES (KNITTING MILLS)</u>	Narrow woven fabrics: cotton, wool, silk, glass, and man-made fiber Payer: narrow fabrics Ribbons: mitso Rickrack braid Rubber thread and yarns, fabric covered Shoe laces, except leather Silk fastener tapes Spindle bonding Strapping webs Tapes, fabric Textile mills, narrow woven: fibers including glass Tie tapes, woven or braided Trimming, textile: mitso Velvetian blind tapes Weaving mills: cotton, wool, silk, and man-made fiber narrow fabrics Webbing woven: except Jute Nicking Zipper tape			
225	(2252) Knit fabric dyeing and finishing		Knit fabric dyeing and finishing wastewater treatment sludges (T)	See above general list at SIC 22	N.A.
226	<u>2261 DYEING AND FINISHING TEXTILES (EXCEPT COTTON FABRICS AD RUT GOODES)</u>		Mercury bearing textile wastes	See above general list at SIC 22	22,995
226	Finishers of broad woven fabrics of cotton		Chromate wastes from dyeing	See above general list at SIC 22	11,100
2261		Bleaching cotton broad woven fabrics Blanching, klar: omnium machine Calendering of cotton fabrics Dyeing cotton broad woven fabrics Embossing cotton broad woven fabrics Finishing of cotton broad woven fabrics Fire-retardance finishing of cotton broad woven fabrics Mercerizing cotton broad woven fabrics Mildew proofing cotton broad woven fabrics Napping of cotton broad woven fabrics			

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	HAZARDOUS STREAM	HAZARDOUS COMPONENTS	TEC TRY
2262	Finishers of broad woven fabrics of man-made fiber and silk	Preshrinking cotton fabrics, for the trade Printing and finishing of cotton broad woven fabrics Finishing and sponging cotton broad woven fabrics, for the trade Shrinking cotton cloth, for the trade Sponging and refinishing cotton cloth, for the trade Sudding cotton broad woven goods Teaseling cotton broad woven goods Water repellency finishing of cotton broad woven fabrics			Chromate waste is from dyeing See above general list at SIC 22	17,560
2269	Finishers of textiles (not elsewhere classified)			Bleaching man-made fiber and silk broad woven fabrics Calendering of man-made fiber and silk broad woven fabrics Dyeing man-made fiber and silk broad woven fabrics Embossing man-made fiber and silk broad woven fabrics Finishing of man-made fiber and silk broad woven fabrics Fire-resistance finishing of man-made fiber and silk broad woven fabrics Nappling of man-made fiber and silk broad woven fabrics Pre-shrinking man-made fiber and silk broad woven fabrics, for the trade Printing man-made fiber and silk broad woven fabrics Shrinking man-made fiber and silk cloth, for the trade Silk broad woven fabric finishing Sudding man-made fiber and silk broad woven fabrics Teaseling man-made fiber and silk broad woven fabrics		See above general list at SIC 22 Yarn and stock (yelling and finishing wastes after treatment sludges (T))
						235

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS WASTES	
				TEC	TR
		Rugbacking, jute or other fiber; except felt Sluts and nubs (cutting up fibers for use in tweeds) Textile mills: linen, jute, hemp, and ramie yarn, thread, and fabric Tops, combing and converting Tops, man-made fiber Tow to top mills Towels and towelling, linen and linen-and-cotton mixtures: mire Thread: linen, hemp, and ramie Webbing, jute Wool scouring and carbonizing Wool tops, combing and converting Yarn: flax, jute, hemp, and ramie Yarn, metallic, ceramic, or paper fibers Yarns, specialty and novelty			
				1,923	
24	UNSER AND WOOD PRODUCTS EXCEPT FURNITURE				
249	SECONDARY AND MISCELLANEOUS WOOD MATERIALS	Wood preserving	Spend wood preserving liquors	Mercury; Aliphatic Mercury Compound; Aromatic Mercury Compound; Sodium Phenol Sulfonate; Sodium Sulfite	1,923
2491		Bridges and treat les, wood: treated Cross-ties, treated Flooring, wood block: treated Millwork, treated Mine props, treated Piles, foundation and marine construction: treated Piling, wood: treated Posts and pole crossarms, treated Poles, cutting and preserving Posts, wood: treated Preserving of wood (presoring) Railroad cross bridge and switch ties, treated Structural lumber and timber, treated Vehicle lumber, treated Wood products, creosoted		Benzene, benzylanthroquinone, benzylbenzene, dicyanine, 4-nitrophenol, toluene, methylbenzene phenol, 2-chlorophenol, 2,4-dimethyl phenol, 2,4,6-trichlorophenol, pentachlorophenol, 4,6-dinitro- o-cresol, tetrachlorophenol	

SIC	MANUFACTURING GROUPS	PRODUCTS (Item No.)	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEC TRY
WASTE STREAM					
5) Wastewater Treatment Sludge from the product of Sodium Silicate fluoride (2319)			Fluorides		
6) Waste Treatment Flots and Sludges from the Fractionation of Chromates (2316, 2313)			Chromium		
7) Waste Treatment Sludges from the production of Phosphorus (2319)			Phosphorus, Phosphates, Arsenic		
8) Chlorine Fractionation Brine Sludges (2512)			Mercury Salts, Aliphatic Organomercury, Calcium Ibs, Arsenics, Lead, Chlorinated Hydrocarbons Sulfuric Acid		
9) Inorganic Chlorides (2319)			Diborane, Pentaborane-9, Decaborane Nickel Carbonyl		
10) Nickel Carbonyl Production Wastes			Chlorine Trifluoride		
11) Waste Chlorine Trifluoride (2319)			Chlorine Pentafluoride		
12) Waste Chlorine Pentafluoride (2319)			Bromine Pentafluoride		
13) Waste Diboron Pentafluoride (2319)			Arenes		
14) Arsenic Production Wastes (2319)			Organic Chlorides, Chromic Sulfate, Zinc Chloride		
15) Methanol Co-Aynthesis production wastes			Silicon Tetrafluoride, Carbon Tetrafluoride, Hydrogen Fluoride, Carbon Dioxide, Fluorine		
16) Contaminated Fluorine production wastes (2317)			Chromium Salts, Sodium Sulfates		
17) Sodium Dichromate production wastes (2316)			Barium Carbonate, Barium Chloride, Barium Cyanide, Barium Nitrate; Barium Sulfide		
18) Waste from production of Barium Compounds (2319)			Perchloric Acid		
19) Waste or Contaminated Perchloric Acid (2317)			Mercuric Oxide		
20) Wastes from production of Mercuric Cyanide			Antimony Pentafluoride		
21) Contaminated Antimony Pentafluoride			Phenols; Organic Chlorides		
22) Ethylene Production by Thermal Pyrolysis					

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TAC BY

SIC	MANUFACTURING GROUPS	PRODUCTS (Products)	HAZARDOUS WASTES
		WASTE STREAM	HAZARDOUS COMPOUNDS
		41) Wastes from the Dehydrogenation of N-Butane or the Manufacture of Butadiene	Chromic Sulfate; Organic Chlorides, Sodium Sulfides
		42) Ferric Oxide, & Production Wastes	Chromic Sulfate; Carbon Tetrachloride; Chromic Oxide; Trichloro-nitroethane, Trichloromethane
		43) Cyanide Production Wastes (2819)	Sodium Cyanate, Sodium Cyanide, Sodium Hypochlorite
		44) Potassium Chromate Production Waste (2819)	Potassium Chromate, Potassium Dichromate
		45) Wastes from Production of Chlorinating Dioxide; Cell Process (2812)	Calcium Chlorate; Magnesium Hydroxide, Sodium Sulfate, Sodium-Chlorine Sludges
		46) Wastes from Production of Boric Acid (2819)	Arsenic
		47) Wastes from Production of Hydrogen Cyanide (382)	Cyanide
		48) Wastes from Production of Aluminum Fluoride (215)	Fluorides
		49) Wastes from Production of Sodium Tetaborate Decahydrate (2819)	Arsenic Sulfides
		50) Wastes from Production of Sodium Fluoride	Calcium Fluoride
		51) Wastes from Production of Cadmium Salts	Cadmium Hydroxide, Cadmium Sludges
		52) Wastes from Production of Hydrogen Peroxide (215)	Iron Cyanides
		53) Wastes from Production of Nickel Compound (215)	Nickel Oxide, Nickel Hydroxide
		54) Wastes from Production of Phosphorus Pentasulfide	Arsenic Sulfide, Phosphorus, Phosphorus Tri sulfide, Phosphorus Pentasulfide, Iron Sulfide, Carbon Disulfide
		55) Wastes from Production of Selenium Compounds	Selenium
		56) Wastes from Production of Silver Compounds (382)	Silver, Mercury Cadmium, Lead

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS COMPONENTS	TSCA TRY
2812	Alkalies and chlorine, including:		511 Wastes from Production of Sulfur Oxide (code: 2019)	SSC13	Z-737
	Alkalies Carboxylic acids, potassium and sodium Caustic potash Caustic soda Chlorine compressed or liquefied Potassium carbonate Potassium hydroxide Sal 2008 Soda ash Sodium bicarbonate (soda ash) Sodium carbonate (caustic soda) Sodium hydroxide (caustic soda)	Bleach byproduct wastes from the mercury cell process in chlorine production when separately disposed. Or this is not us d (13270) (K71)	Chlorinated hydrocarbon wastes from the neutralization step of the diisobutyl cell process us of calcium anodes in chlorine production (W381) (R73)	Chloroform, carbon tetrachloride, hexachloroethane, trichloroethane, tetrachloroethylene, dichloroethane, 1,1,2,3-tetrachloroethane	
2812	Chlorine			(a) Mercury bearing sludges from brine treatment for mercury cell process In chlorine production (T)	
				(b) Sodium calcium sludge from produc- tion of chlorine by Drum Calibrocs: (T)	
				(c) Mercury bearing brine purification wastes for mercury cell process in chlorine production (T)	
				(d) Wastewater treatment sludge from diaphragm cell process In production of chlorine (T)	
				(e) Asbestos wastes from cell dis- assembly in production of chlorine	
				(f) Chlorinated hydrocarbon bearing wastes from chlorine cell process In chlorine production	
28122	Sodium carbonate (soda ash)			Trona Process Soda Ash Sodium Process Soda Ash	
28123	Sodium hydroxide (caustic soda)				

SIC	PRODUCTS (Pigments)	WASTE STREAM	HAZARDOUS WASTES	TSC/TW
			HAZARDOUS COMPONENTS	
2111	Titanium Oxide pigments	Iron blue pigment Iron colours Iron oxide, black Iron oxide, metallic Iron oxide, yellow Lead black Lead colour pigments Lead pigments Litharge Lithocone Metallic pigments, Inorganic Mineral colours and dyes Minium (pigment) Others Paint pigments, Inorganic Pearl essence Pigments, Inorganic Prussian blue pigments Red lead pigment Satin white pigment Siennas Titanium pigments Ultramarine pigment Uthers Vermilion pigment White lead pigments Whiting Zinc oxides pigments Zinc pigments: zinc yellow and zinc sulphide		
2112	White pigments NEC	Titanium Oxide pigments	(a) Chromium bearing wastewater treatment sludge from the production of T02 pigment by the chlorite process (T New EPA No. N014 isolated from TSD listing and not located in Environment Canada listing) (b) Chromium bearing wastewater treatment sludges from the production of T02 pigment by sulfite process (T)	
2113	Inorganic colour pigments			

SIC	MANUFACTURING GROUPS	PRODUCTS (Remove)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS CONTENTS	TEAC TRY
231531	Chrome green pigment	Chrome green pigment	(a) Chromium bearing wastewater treatment sludge from production of chrome green pigment (T) (N9320) (K005)	Chromium, Lead		
231632	Iron blue pigments		(ab) Chromium bearing wastewater treatment sludge and other chromium bearing ash from production of chrome blue pigments (cyanotint) (T) (N9321) (K005)	Chromium		
231632	Mercury sulfide pigments		Ferric ferrocyanide bearing wastewater treatment sludge from the production of iron blue pigments (T) (N9322) (K007)	Cyanide (complexed), Chromium		
231635	Antimony Oxides		Mercury bearing wastewater treatment sludges from the production of mercuric sulfide pigment (T)	Chromium		
			(a) Arsenic bearing sludges from barite-treatment process in the production of Antimony Oxide (T)			
			(ab) Antimony bearing wastewater treatment sludge from production of antimony oxides (T)	Chromium, Lead		
231636	Lead Chromates	Lead chromates	(a) Chromium or lead bearing wastewater treatment sludge from production of chrome yellow, red, and orange (red chromate) T (N9317) (K002)			
			(b) Chromium or lead bearing wastewater treatment sludge from production of methyl lead orange (lead chromate) (T) (N9318) (K005)	Chromium, Lead		
231637	Zinc Chromates	Zinc chromates	Zinc and chromium bearing wastewater treatment sludge from production of zinc yellow, leaded zinc potassium chromate (T) (N9319) (K004)	Chromium		
231639	Misc. Paint and Pigments	Misc. paint and pigments	Ash from incinerated still bottoms (Paint and Pigment Production) (T)	Chromium		
			Oven residue from the reduction of chrome oxide green or grants (K025) (K001)	Chromium		

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS
(28-8) [Industrial Organic Chemicals, not elsewhere classified]		Inols, chloroform, ethyl lone, dichloroethane, ethylene glycol, ethylene oxide, ferric acid, glycerol, perchloric acid, propylene oxide, tetrachloroethylene, trichloro methyl isocyanide	Co-synthesis in, Isobutanol Production wastes		Acetic Acid Acetone Acrylonitrile (Acrylic Orylates) Acetyl Chloride Acrylic Acid Acridine Acrolein Acrylic Acid Algin Allyl Chloride Amyl Acetate (Cetene Oil) Aniline Aryl Amine (Substituted) Benzene Benzyl Chloride Boric Acid Bromine Butane Butyl Acetate (Butyl Etheroate) Butyl Acrylate Butyl Acrylonitrile Butyl Acrylonitran Butyl Benzene Catechic Acid (Diphenylisophthalic Acid) Carbon Disulfide Cation Reservoir Cation Exchange (Resins) Cation Tetraborate Chloral Hydrate Chloromethane Chloroethane Chloroethylene Chloroacetic Acid Chloroform Cobalt Chloride Copper Sulfate Crotonaldehyde Cyanogen Chloride (Benzene) Cyanic Sulfuric Acid Cyclohexanol (Cyclohexanone) Cyclohexanone Cyclohexylamine Detergent Diethyl Alcohol Dimethyl Phthalate o-Dichlorobenzene o-Dichlorobenzene Dichloroethane Dichloroethoxy Ethane

TAC

N.A.

SIC	MANUFACTURING GROUPS	PRODUCTS (BOTTLES)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEAC TRY
					1,2-Dichloropropane 1,3-Dichloropropane Diethyl Diethanolamine Diethyl Ether (Ethyl Ether) Diethyl Ether Diethyl (1,4-Dioxane) Diethylamine Triamine Diethyl Octyl Esters Diisobutyl Ether Diisobutyl Urethane Dimethyl Isobutyl Dimethyl Sulfate (Dimethyl Sulfate) 2,4-Dinitroaniline o-Nitrophenol (2-Nitrobenzene) 2,4-Dinitrophenol 2,4-Dinitrotoluene (Dinitrotoluol) Diphenylamine Dierythriose Glycol Dodecyl Sodium Sulfate Endofix Epichlorohydrin Ethane Ethanolamine (Diethanolamine) Ethers Ethyl Acetate (Acetic Ether) Ethyl Acrylate Ethyl Mercaptan Ethyl Imino Propoxy Urethane Ethyl Chloride (Chloroethane) Ethyl Iodo (Etiene) Ethyl Enol Enol (Ethyl Enol Diacetate) Ethyl Enol Diethyl Ethyl Enol Diethyl Ethyl Enol Diene Ethyl Enol Diene Ethyl Enol Glycol (Glycol) Ethyl Enol Glycol Xenoxy Ether Ethyl Iminine 2-Ethyl Hexanol (Octyl Alcohol) Ethyl Methyl Ketone (Butanone) Ethyl Phenylate (Ethyl O-Phthalate) 2-Ethyl-2-Octyl Acetoin Furfural Alcohol Ganthion Isotrichlor Hydrogen (Hydrogen Gasoline) Isobutylbenzene (Ethyl Urethane)	

SIC	MANUFACTURING GROUPS	PRODUCTS (Re-Prints)	WASTE STREAMS	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS
260					<p>Hexamethyl Polychlorobiphenyl Hexamethyl Terephthalate Hexane (Methyl Hydrocarbons) Hydrazine (Amines, Diamines) Hydroquinone Isobutyl Nitrite Isophorone Isopropyl Acetate Isopropyl Ester Isopropyl Ether Isopropyl Acid Isobutyl Acrylate Isopropyl Chlorobenzene Isopropyl Acetate Methyl Acrylate (Acrylic Esters) Methyl Iodine (30 Percent Solution) Methyl Bromide (Fluoromethane) Methyl Chloride (Chloromethane) Methyl Chloroformate Methyl Formate (Methyl Methoate) Methyl Mercaptan Methyl Methoxyethanol Monomer Methyl Phenyl Propanone Methylbenzene (Benzene, Methylbenzene) Methylamine Methylbenzene Nitroethane Nitromethane Nitropentane (1 and 2) Organic Chlorides Oxalic Acid Perchloromethyl Perchloration Perchloroethane Perchloroethane (Tetrachloroethane) n-Butane (Methyl Hydrocarbons) Perchloroethylene (Tetrachloroethylene) Perchloroform Piperonal Piperonyl Fluoride Propenol Propyl Hydrogeline Hydrochloride Propylene Oxide Isotoc Propylene Pentachloride Propylene Trichloride Propylene Acid (Trinicotinic Acid) Propionic Acid </p>

SIC	MANUFACTURING GROUPS	PRODUCTS (Particulars)	WASTE STREAM	Hazardous wastes	Hazardous components	
					TSC	TPY
Bleaching powder Borax (sodium tetraborate) Boric acid Boron compounds, not produced at mills Boron nitrate Bromo, elemental Calcium metal Calcium carbide, chloride, and bromide Calcium carbonate, inorganic Calcium nitrate Calcium salts Chromate, activated Chromic acid Chromates and bischromates Chromic salts Chromium compounds, inorganic Chromium salts Cobalt chloride Cobalt hydroxide Cobalt sulfide Copper chloride and oxides Copper sulfide Cyanides Diseignates, activated; silicones Dichromating Furric chloride Ferroalloys Fissileable material production Fluorine, elemental Fuel propellants, solid; inorganic Fuels, high energy; inorganic Glauber's salt Heavy metals High purity organic chemicals, Inorganic: refine from technical grade Hydrochloric acid Hydrolytic acid Hydrogen peroxide Hydrogen sulfide Hydroxylites Hydroxochlorites Indium chloride			Antimony Pentachloride Antimony Pentavalent Iodide Antimony Sulfide Antimony Triethyl (Triethyl Istrine) Antimony Trifluoride Antimony Triethyl (Triethyl Istrine) Antimony Triethyl Arsenic Chloride Arsenic Dichloride Arsenic Disulfide Arsenic Pentavalent Arsenic Trichloride Barium Carbonate Barium Chloride Barium Oxide Barium Fluoride Barium Nitrate Barium Sulfide Beryllium Carbonate Beryllium Chloride Beryllium Hydroxide Beryllium Oxide Boron Trichloride Boron Trifluoride Bromo Acid Stabilized Pentachloro Cobalt Fluoride Cobalt Nitrate Cobalt Oxide Cobalt Phosphate Cobaltum Pentacadmum Oxonite Cobaltum Sulfofate Cadmium Arsenite Cadmium Carbide Cadmium Cyanide Cadmium Fluoride Cadmium Hydroxide Cadmium Oxide Cadmium Pentachloride Cadmium Sulfide Hydrochloric acid Hydrolytic acid Hydroxylites Hydroxochlorites Indium Chloride Cadmium Pentachloride Cadmium Fluoride Cadmium Oxide Cadmium Hydroxide Cadmium Oxide Cadmium Pentachloride Cadmium Sulfide Hydrochloric acid Hydrolytic acid Hydroxylites Hydroxochlorites Indium Chloride			

S: No	MANUFACTURING GROUPS	PRODUCTS (Paramount)	WASTE STREAM	HAZARDOUS WASTES
250 274		Potassium cyanide Potassium iodide Potassium nitrate Potassium nitroso and sulfates Potassium per-trinitroto, Precursors for missiles, solid: Inorganic Radium chloride Radium luminescent compounds Rare earth metal salts Reagent grade chemicals, Inorganic: refined from technical grades Ruthenium metal Salt cake (sodium sulfate) Salts of rare earth metals Scandium Silica, amorphous Silicon gel Silicon tetrachloride Silver bromide, chlorides and nitrate Silver compounds, Inorganic Soda ash Sodium bisulfite Sodium calcium sulfate Sodium carbonate Sodium bicarbonate and citrates Sodium borate Sodium bromide, not produced at mines Sodium chloride Sodium compounds, Inorganic Sodium cyanide Sodium hydroxide Sodium, metallic Sodium allylate Sodium borate Sodium peroxide Sodium phosphate Sodium polyacrylate Sodium silicate Sodium sulfide Sodium sulfate - bulk or tablets Sodium stearate Sodium sulfonate		Potassium Pentasulfide Potassium Trichloride Potassium Arsenite Potassium Chlorite Potassium Chromate Potassium Crystalline (Solid) Potassium Dichromate Potassium Fluoride Potassium Hydroxide (Caustic Potash) Potassium Oxalate Potassium Ferrangenate Potassium Peroxide Potassium Fluoride Potassium Sulfate Potassium Nitrate Settling Pond Mud (Aluminum Sulfate Prod.) Silicon Tetrachloride Silicon Tetrafluoride Sodium Alum (Soda Ash) Sodium Acetate Sodium Azide Sodium Bifluoride Sodium Bisulfite Sodium Borate Sodium Carbonate Peroxide Sodium Chlorate Sodium Chromate Sodium Chloride Sodium Fluoride Sodium Hyposulfite Sodium Ammonium borate Sodium Iodide Sodium Manganate Sodium Oxide Sodium Oxide Sodium Perchlorate Sodium Peroxide Sodium Thiosulfate Sodium Potassium Alloy Sodium Sulfate Sodium Thiocyanate (Sodium Sulfocyanide) Strontium

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS
		Sodium tetraborate, not produced at mines Sodium thiocyanates Sodium tungstate Sodium uranate Strontic and stannous chlorides Strontium carbonate, precipitated, and oxide Strontium nitrate Sulfamate, corrosive Sulfate of potash and potash muriate, not produced at mines Sulfides and sulfites Sulfocyanide Sulfur chloride Sulfur dioxide Sulfur hexafluoride gas Sulfur, recovered or refined, including from sour natural gas Sulfuric acid Tanning agents, synthetic inorganic thiocyanates, inorganic Tin chlorides Tin compounds, inorganic Tin oxides Tin salts Uranium slugs, radioactive Xeroglass Zinc chloride		Sulfuric Acid Sulfurous Acid Sulfuryl Fluoride Tin Oxide (T.O.) Titanium Tetrachloride Vanadium Peroxide Vanadium Sulfide	
23192a	Ammonium Chloride				
23194	Inorganic Acids NEC, including:				
231943	Boric Acid			Boric Acid	
231945	Hydrochloric Acid			Hydrochloric Acid	
231946	Hydrofluoric Acid			Hydrofluoric Acid	
231949	Phosphoric Acid			Phosphoric Acid	
231946	Chromium trioxide (chromic acid)			Chromium trioxide (chromic acid)	Potassium Chromate wastes
231941	Phosphorus				

SIC	MANUFACTURING GROUPS	PRODUCTS (Raw materials)	HAZARDOUS WASTES		TSC TR
			WASTE STREAM:	HAZARDOUS COMPONENTS	
2515-26	Aluminum Oxide (Alumina)	Aluminum oxide (Alumina)			
25156	Aluminum sulfides	Aluminum sulfides			
251725	Sodium chromate and dichromate	Sodium chromate and dichromate	Sodium dichromate production wastes		
2519735	Sodium sulfite	Sodium sulfite			
252	PLASTIC MATERIALS & SYNTHETICS, including: 2521 Plastic materials, synthetic resin and non-vulcanizable elastomers 2522 Synthetic rubber (vulcanizing elastomers) 2524 Synthetic organic fibers (except cellulose)				
252	PLASTIC MATERIALS & SYNTHETICS (TOTAL WASTE STREAM)				
2522			1) Phenolic Resin Production Wastes (25218) 2) Acrylic Resin Production Wastes (25217) 3) Polyester Production Catalyst Wastes (25214) 4) Still Bottoms from Solvent or Macerator Tanks (M/930), M/932, M/933 (EOL/F.C., F/25) 5) Wastes (solvents) from Still from Resin Product (2521) 6) Wastes from Dust Control Equipment 7) Wastes of Treatment Studies Heavy Metals Dithiocarbamates, Ethylendiamine Solvents Solvents	Phenolics Formaldehyde Antimony, Cadmium, Mercury Antimony, Cadmium, Mercury Antimony, Cadmium, Mercury Solvents Solvents	74, 115 55, 472 1, 255 12, 356 74, 115
2522			8) Residues from Manufacturing of Ethylene Chloride and Vinyl Chloride 9) Urethane Manufacturing Wastes (2522) 10) Synthetic Rubber Industry Wastes (2522) 11) Divalent Metal Wastes	Solvents, Chlorinated and Non-Chlorinated Materials (Allyl Chloride and Vinyl Chloride); Mercury, Aliphatic Mercury Compounds, Aromatic Mer- cury Compounds Nitroaromatic, Antimony Pentfluoride Cadmium, Solvents, Solventum	

SIC	MANUFACTURING GROUPS	PRODUCTS (Resins)	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TAC TRY
		WASTE STREAM			
2321	Plastic materials, synthetic resins and non-volatilizable elastomers	(2) Cellulose Ester Production wastes (22212)	(2) Cellulose Ester Production wastes	Acetic Acid, Sulfuric Acid, Mercury Chloride, Methyl Mercury Iodide, and Ethyl Cellulose	
		(3) Vinyl Resin Manufacturing wastes (22212)		Phenols, Cadmium Tetrachloride, and Cadmium	
		(4) Rayon Fiber Production wastes (2324)		Zinc Chloride, Cupricamium Nitrates, Copper, Sulfuric Acid, Acrylics	
		(5) Other Synthetic Polymer Wastes		Adiponitrile, Polymer Solvents, Various Organic Solvents, Hydrogen Cyanide, Phenol, Toluene Disulfonate, Toluene	
		Processing materials, construction plastics, electrical products made from plastics, synthetic resins and emulsions, tape, etc., including:	Residues from the manufacturing of Ethyl Acrylate/Chloromethyl Chloride	Allyl Chloride; Methyl Mercuro Chloride	55,492
		Acrylic resins	Alkyd and Polyvinyl Resins	Maleic Anhydride; Styrene; Propylene Glycol; Phthalic Acid	
		Acetate, cellulose plastics	Urea and Methyl Rosins	Sodium Hydroxide; Ammonia	
		Acrylic resin			
		Acrylonitrile-butadieno-styrene resin			
		Alcohol resins, polyvinyl			
		Alkyd resins			
		Allyl resins			
		Buylidene crolymers, containing less than 50% butadiene			
		Carboxylic plastic			
		Cation plastic			
		Cellulose nitrate resins			
		Cellulose propionate (plastics)			
		Coral for resins			
		Condensation plastics			
		Coumarin-Indene resins			
		Cresol-formaldehyde resins			
		Croton-formaldehyde resins			
		Dicyandiamine resins			
		Disocyanato resins			
		Elastomers, nonelastomizable (plastics)			
		Epichlorohydrin bisphenol			
		Epichlorohydrin diphenol			
		Epoxy resins			
		Ester-gum			
		Ethylenically unsaturated resins			
		Fluorovinylidene resins			
		Ion exchange resins			
		Lacquer resins			
		Isobutylene polymers			

SIC	MANUFACTURING GROUPS	PRODUCTS (Percent vs.)	WASTE STREAM	HAZARDOUS COMPONENTS	HAZARDOUS WASTES	TEC TPY
	Liquid plastics					
	Resinizing resins					
	Methyl acrylate resins					
	Methyl methacrylate plastics					
	Methyl methacrylate resins					
	Holding compounds, plastics					
	Nitrocellulose plastics (pyrocellulose)					
	Nylon resins					
	Petro-oleum polymer resins					
	Phenol-formaldehyde resins					
	Phenolic resins					
	Phthalic alkyd resins					
	Phthalic anhydride resins					
	Polyvinyl chloride resins					
	Polyimide resins					
	Polyisobutene resins					
	Polyesters					
	Polyisobutylene resins					
	Polyphenametrylene diamine adipamide resins					
	Polyisobutylene resins					
	Polymerization plastics, except fibers					
	Polypropylene resins					
	Polyurethane resins					
	Polyvinyl chloride resins					
	Polyvinyl halide resins					
	Polyvinyl resins					
	Protein plastics					
	Prossolin					
	Resins, phenolic					
	Resins, synthetic: coal tar and non-coal tar					
	Resin modified resins					
	Silicone fluid solution (fluid for sensor transducers)					
	Silicone resins					
	Soybean plastics					
	Styrene resins					
	Syntetate/cyanonitrile resins					
	Tar acid resins					
	Urea resins					
	Vinyl resins					

S.I.	MANUFACTURING GOODS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS WASTES	TEC TYP
				HAZARDOUS COMPOUNDS	
2210 2	Thermosetting Resins				
2210 5	Thermoplastic Resins				
2210 6	Engineering Plastics				
2210 7	Coating Resins				
2210 9	Plastics Alres. Cles.				
2212	Vinyl Resins				
2212 10	Polyvinyl Chloride (PVC)				
2212 22	Vinyl Acetate Resins				
2212 35	Polyvinyl Alcohol				
2213	Styrene Resins				
2212 10	Styrene				
2213 20	ABS & SAN Resins				
2213 21	PS Polymers				
2213 22	Styrene Acrylonitrile Resins				
2214	Epoxy Resins				
2214 10	Epoxy Igms				
2214 11	Polyethylene, High Density				
2214 12	Polyethylene, Low Density				
2214 20	PEI Acrylonitrile				
2214 30	Styrene Copolymers				
2215 5	Acrylic Resins				
2215	Nylon & Polyester Resins				
2215 20	Unsaturated Polyester Resins				
2217	Amid Resins				
2218	Phenolic & Epoxy Resins				
2219 9	Plastic Materials NEC				
2219 10	Acrylic Resins				
2219 20	Fluorocarbon Resins				
2219 30	Urethane Resins (Polyurethane, Urea)				
2219 40	Polyimide Resins				
2219 50	Polycarbonate Resins (polycarbonate)				
2219 70	Polyether Resins				
2219 75	Plastic Resins NEC				

Residue from reaction mixture of
ethylene diacrylate/vinyl chloride

Polystyrene resins and copolymers

Acrylonitrile 12; Formic Acid 200; Vinyl
Acetate 412; Vinyl Chloride 413; Styrene 379

Phenols; Formaldehyde

Dinitrophenol

Wastes from polycarbonate polymer
production

SIC	MANUFACTURING GROUPS including:	PRODUCTS (Remarks)	HAZARDOUS WASTES	TEAC TPC
222	Synthetic rubber (vulcanizing elastomers).		HAZARDOUS COMPONENTS	1,255
2222 01	Synthetic Rubber Latex	Sealants, rubber toys, rubber compounds, etc.,	Adiponitrile Polymer Solids Hydrogen Cyanide Phosgene Nitrobenzene Nitriles, Styrene	
2222 03	Vulcanized Rubbers	Acrylate type rubbers		
2222 04	Thermoplastic Rubbers	Acrylate-polystyrene rubbers		
2222 1	Synthetic Butadiene Rubber	Acrylic rubbers		
2222	Butyl Rubber	Adiprene		
2223	Neoprene Rubber	Butadiene-butadiene copolymers lower 50% butadiene		
2224	Nitrile Rubber	Buadiene-styrene copolymers (lower 50% butadiene)		
2225	Styrene-Butadiene Rubbers	Butyl rubber		
2228	Ethylenepropylene Rubbers	Chlorinated rubbers, synthetic		
2229	Synthetic Rubbers IEC	Chloroprene type rubbers		
		Chlorosulfonated polyethylene latex		
		Cyclo rubbers, synthetic		
		ERD polymers		
		Elastomers, vulcanizable (synthetic rubber)		
		Epichlorohydrin elastomers		
		Esters		
		Ethylenepropylene rubbers		
		Fluoro rubbers		
		Fluorobutene-1-vinyl vinyl rubbers		
		Hydrocarbon		
		Isocyanate type rubber		
		Isoprene rubbers, synthetic		
		Isoprene		
		Nitrile-butadiene rubbers		
		Nitrile-1,3-butadiene rubbers		
		Nitrilia type rubber		
		Native rubber		
		Polybutadienes		
		Polyisobutylene, chlorosulfonated		
		Polyisobutylene-isoprene elastomers		
		Polyisobutylene (synthetic rubber)		
		Polymerized		
		Polyisobutylene copolymers		
		Polyisobutylene rubbers		
		Rubber, Synthetic		
		Silicon rubbers		
		Silicone rubber		
		Stereo regular elastomers		

SIC	MANUFACTURING GROUPS	PRODUCTS (Materials)	HAZARDOUS WASTES	TEC TPY
			Hazardous Components	
			WASTE STREAM	
(283) Cellulosic Man-Made Fibers (rayon production)			Zinc chloride; Cupricumium resin; Spinning bathes and coag.; Sulfuric acid; 2-Butanone wastes; Sapon; Sulfuric acid; Ammonia	
			Carbon disulfide; Hydrogen sulfide	
			Viscose rayon	
			Cigarette tow; Cellulosic fiber; Cigarette filters; Cellulosic monofilament; Yarn, straw, or tow; Cellulose fibers, man-made	
			Fibers, cellulose monofilament; Household, artificial; rayon Nitrocellulose fibers	
			Rayon primary products: fibers, straw, strips, and yarn; Rayon yarn, rays in chemical plants (primary products); Regenerated cellulose filters	
			Tricelate fibers Viscose filters, bands, strips, and yarn	
			Yarn, cellulose: made in chemical plants (primary products)	
			Monofilament, Yarn straw or tow, suitable for further manufacturing on spindles, looms, knitting machines, etc., including:	
			Acrylic fibers Acrylonitrile fibers Anilox filters Casin fibers Elastomeric fibers Fibers, man-made: oxidized cellulose Fluorocarbon fibers Household, artificial: nylon Linear ester fibers Polyacrylic fibers Nylon fibers and bristles Olefin fibers Organic fibers, synthetic: except cellulose Polyester fibers Polyvinyl ester fibers Polyvinylidene chloride fibers	
2834 Synthetic organic fibers (except cellulose), including:				19,356
2834 12 Viscose fibers				
2834 20 Synthetic fibers				
2834 30 Regenerated fibers				
2834 30 Flammability: Clors				
2834 41 Synthetic fibers				
2834 49 Nylon Filament Yarn				
2834 51 Acrylic Fibers				
2834 59 Polyester Fibers				
2834 19 Polyester Yarn				
2834 20 Polyester Strands				
2834 52 Viscose Fibers				
2834 59 Polyvinyl Fibers				
2834 22 Polyvinyl Fibers				
2834 23 Polyvinyl Chloride Fibers				

SIC	MANUFACTURING PROCESS	PRODUCTS Manufactured	Hazardous Wastes	
			WASTE STREAM	HAZARDOUS COMPONENTS
293	PHARMACEUTICALS, including:	Protein fibers Serum fibers (non-medical textile materials) Vinyl fibers Vinyl Chloride fibers Varnish organic man-made fiber except cellulistic Zein fibers		TEC 11-054
293	Biological Products Medicinal Chemicals and Botanical Products Pharmaceutical Preparations			TEC 12-1 10-742 12-1
293	PHARMACEUTICALS - TOTAL WASTE STREAM			1) Heavy Metals: Copper, Mercury, Arsenic, Zinc, Cadmium, Selenium 2) Incorporated Waste Solvents: Ethylens Dibromide, Methylene Chloride 3) Non-Halogenated Waste Solvents: Acetone, Volatile Isopropyl Alcohol, Toluene, Benzene, Acetone 4) Non-Halogenated Wastes from Manufacturing of Pharmaceuticals: Arg 1 Acetate, Butanol, Butyl Acetate, Methyl Isobutyl Ketone, Ethylene Glycol, Isopropyl Ether 5) Non-Halogenated Wastes from Manufacturing of Botanicals: Methanol, Acetone, Ethanol, Chloroform, Toluene, Isobutyl, Benzene 6) Non-Halogenated Wastes from Manufacturing of Medicine from Animal Glands: Ethanol, Phenol. 7) Organic Chemical and Biological Residues: Toluene, Sterols, Vitamins, Tranquillizers, Acetone Ethanol, Antiviral Vaccine, Toxins, Serums, Various Combinations or Dispersions Active Ingredients 2) Mercaptol wastes 3) Nitro-19201 Ething Wastes Mercury; Aliphatic and Aromatic Mercury Compounds Phenone

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	Hazardous wastes		TEAC #7
			WASTE STREAM	Hazardous components	
2831	Bioactive products, including:	Agar culture media Agricultral extracts Allergenic extracts Allergens Antigens Anti-mycobacterial serums Antisera Antitoxins Antivenon Bacteriae; vaccines Bacteriols Biotechnological media Biological and allied products: enzymes, bacteriols, vaccines, viruses Blood derivatives, for human or veterinary use Culture media & concentrates Diagnostic agents, biological Diphtheria toxin Plasmas Pollen extracts Serobacteriols Serums Toxins Toxoids Tunicatins Vaccines Viruses	4) Aromatic Containing Wastes 5) Organic Chemicals: Wastes	Inorganic Arsenites; Organic Arsenites; Arsenyllic Acid; Sodium Chloride Dimethyl Formamide; Dimethyl Iodide. Acetonitrile; Cestines; Benzyl Chloride, Fluorobenzene; Acid; Dichlorobenzene, Trichlorobenzene; Activated Carbon, Chlorobenzene; Toluene; Methanol; Naphthalene, Dichloro-; Pyridine, Trichlorobenzene; Trichloroethylene, Benzotrifluoride; Chloroformic Acid; Diethoxyamine Wastes	124
2831a	Igulin	Insulin			
2831b	Glandular extracts	Glandular extracts			
2831c	Enteral Pharmaceuticals	Enteral Pharmaceuticals			
2831d	Animal extracts	Animal extracts			

SIC	MANUFACTURING GOALS	PROJECTS (Parties)	WASTE STREAM	HAZARDOUS WASTES	TEAC PP
2839	Industrial Biocides	Industrial biocides		Hazardous constituents	12, 13*
2839	Including: bulk anti-infective Agents			Drug manufacturing wastes	
2839	Bulk Hormones			Medical chemicals and botanical products, including: Botanical derivatives: bulk, unbound	
2839	Bulk Ivermectin System Drugs			Agricoyer (ground)	
2839	Bulk Ciminoosulor & Blood Agents			Alkaloids and salts	
2839	Bulk Respiratory Drugs			Antiseptics, in bulk form	
2839	Bulk Gastro-intestinal Agents			Antibiotics: bulk, unbound	
2839	Bulk Vitamins			Antiseptics and derivatives	
2839	Medicines and Botanicals NEC			Barbituric acid and derivatives: bulk, unbound	
				Botanical products, medicinal:	
				Ground, graded, and milled	
				Brucine and derivatives	
				Caffeine and derivatives	
				Chemicals, medicinal: organic and inorganic - bulk, unbound	
				Chloroquine and derivatives	
				Cocaine and derivatives	
				Codeine and derivatives	
				Digitalin	
				Drug grafting, grading, and milling	
				Erdotrine products	
				Ephedrine and derivatives	
				Ergot alkaloids	
				Fish liver oils, refined and concentrated for medicinal use	
				Gland derivatives: bulk, unbound	
				Hormb grafting, grading, and milling	
				Hormones and derivatives	
				Insulin: bulk, unbound	
				Kelp plants	
				Mercury chorides, U.S.P.	
				Mercury compounds, medicinal:	
				Organic and inorganic	
				Morphine and derivatives	
				Nanophyto idoprotecting	
				Oils, vegetable and animal: medicinal grade - refined and concentrated	
				Oils, vegetable and animal: bulk, unbound	
				Phenothiazine, bulk, unbound	
				Phenothiazine and derivatives	
				Pituitary gland derivatives: bulk, unbound	
				Prostaglandin and derivatives: bulk, unbound	

SIC	MANUFACTURING GROUPS	PRODUCTS (RANKS)	WASTE STREAM	HAZARDOUS COMPONENTS	TEC TYP
23	Quinine and derivatives Sedatives Sulphuric acid derivatives, medicinal Syrups Sulfate drugs Sulfonamides Theobromine Vegetable gelatin (e.g., agar) Vegetable oils, medicinal grade: Refined and concentrated Vitamins, natural and synthetic: bulk, uncompounded				136
234	Pharmaceutical preparations, including:	2340-10 Ethical Preparations 2341 Hormones & Related Preparations 2342 Central Nervous System Preps 2343 Cardiovascular Preparations 2344 Respiratory Preparations 2345 Skin Treatment Preparations 2346 Vitamins, Nutrient & Metabolic Preps 2347 Antiseptic Preparations 2348 Veterinary Drugs	Pharmaceutical preparations, including: Adrenal pharmaceutical preparations Anesthetics Antiseptics, powdered Antacids Antihelmintics Antibiotics, packaged Antihistamine preparations Antiparetics Antisettics, medicinal Astral Ingreds, medicinal Balsamic acid pharmaceutical preparations Bilatoma pharmaceutical preparations Botanical extracts: powdered, pillular, solid, and fluid Chapsticks Chlorination tablets and kits (water purification) Cold remedies Cough medicines Cyclorubine for anaesthetic use (U.S.P. or N.F.) packaged Dantrene and sodium chloride injection, mixed Dermose injection Digitals pharmaceutical preparations Diu-gistics Dynamists: preparations (pharmaceuticals) Effervescent salts Emulsifiers, fluorescent Inspection Emulsions, pharmaceutical Ether for anaesthetic use	Pharmaceutical arsenic wastes Pharmaceutical animal wastes Arsenic Wastewater treatment sludges generated during the production of veterinary chemotherapeutics from arsenic or organo-arsenic compounds (NA394) (K084) Distillation fir residues from the distillation of antifever-based compounds in the reduction of veterinary chemotherapeutics from arsenic or organo-arsenic compounds (NA395) Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or halo-arsenic compounds (NA393)	

S.C.	MANUFACTURING GROUPS	PRODUCTS (Samples)	HAZARDOUS WASTES		TEAC TRY
			WASTE STREAM	HAZARDOUS COMPONENTS	
		Fever remedies Gastrical preparations Hormone preparations Inhalin preparations Intravenous solutions Iodine, tincture of Lotions Liniments Lozenges, pharmaceutical Medicines, case; lod or amulets Nitrofurantoin preparations Nitrous oxide for anesthetic use Ointments Parenteral solutions Penicillin preparations Pharmaceuticals Pills, pharmaceutical Pituitary gland pharmaceutical preparations Poultry and animal remedies Powders, pharmaceutical Proprietary pharmaceutical preparations Proprietary drug products Remedies, human and animal Syrups, pharmaceutical Sodium chloride solution for injection, U.S.P. Sodium salicylate tablets Solutions, pharmaceutical Spirits, pharmaceutical Suppositories Tablets, pharmaceutical Thyroid preparations Tinctures, pharmaceutical Tranquillizers and mental drug preparations Vermifuges Veterinary pharmaceutical preparations Vitamin preparations Water decontamination or purification tablets Nasal, sterile; for injections Zinc ointment			

SIC	MANUFACTURING GROUPS	PRODUCTS (Products)	WASTE STREAM	HAZARDOUS COMPONENTS	TEC TPY
294	2945, DETERGENTS & TOILETRIES				2,093
2941	Soap and Other Detergents (Except Specialty Cleaners), Including:			Nickel sulfate; Sulfuric acid; Zinc sulfate; Surfactants; Stannous chloride; Hydrochloric acid	2,093
29412	Household Detergent, and Household Soaps	Detergents, synthetic organic and inorganic alkalines Dye removing cream, soap base Frosts, soap Glycerin, crude and refined: from fats - except synthetic Mechanics' parts Soaping compounds Soaps: granulated, liquid cake, flakes, and chip Textile soap Washing compounds			
29413	Surfactants, Active Agents, Finishing Agents, Sulfonated Oils and Assistants, Including:	Assistants, textile and leather processing Calcium salts of sulfonated oils, fats, or greases Coc oil, sulfonated Emulsifiers, except food and pharmaceutical Finishing agents, textile and leather Leather finishing agents Ricardants Oil, turpentine and oils, soluble (textile assistants) Panzetants Sodium salts of sulfonated oils, fats, or greases Softeners (textile assistants) Soluble oils and greases Sulfonated oils, fats and greases Surface active agents Textile processing assistants Textile soaping compounds and wetting agents Thin water (emulsion)		92	
2943					
29431	Amphoteric Surfactants				
29433	Anionic Surfactants				

SIC	MANUFACTURING GROUPS	PRODUCT (Products)	HAZARDOUS WASTE	TAC TPR
		WASTE STREAM	HAZARDOUS COMPONENTS	
205	PAINT & ALLIED PRODUCTS, including: Paints, Varnishes, Lacquers, Enamels & Allied Products (Trash Castings) General Waste Stream	<ul style="list-style-type: none"> 1) Cleanings and wastewater treatment sludges from the production of solvent-thin red trade sales paints 2) Raw materials bags and packages from the product on of solvent-thinned trade sales paints 3) Cleanings and wastewater treatment sludges from the production of water-thinned trade sales paints 4) Raw materials bags and packages from the production of water-thinned trade sales paint 5) Cleaning and wastewater treatment sludges from the production of lacquers 6) Raw materials bags and packages from the product on of lacquers 7) Cleanings and wastewater treatment sludges from the production of factory-applied coatings 8) Air pollution control residues from the production of factory-applied coatings 9) Spilled linseed oil from the production of factory-applied coatings 10) Cleanings and wastewater treatment sludges from the production of putty and miscellaneous paint products 11) Raw materials bags and packages from the production of putty and miscellaneous paint products 12) Air pollution control residues from the production of putty and miscellaneous paint products 13) Spilled linseed oil from the production of putty and miscellaneous paint products 14) Spills from the production of putty and miscellaneous paint products 	<ul style="list-style-type: none"> Hazardous solvents and toxic pigments; lead, chromium, cobaltum, sodium cyanide Hazardous solvents and toxic pigments as above Toxic Pigments; Chromium, Mercury Toxic Pigments as above Hazardous solvents Hazardous solvents Hazardous solvents Hazardous solvents Hazardous solvents and toxic pigments 	10,254 10,254
2051		<ul style="list-style-type: none"> Chalklines, dry and pastes Cleaners, paint brush Cleaning, air drying Colors in oil, except artists' dispersions, thermoplastic and cold-dried paint Driers, paint Enamels, except dental and China painting Epoxy coatings, made from purchased resin Fillers, wood: dry, liquid, and paste Ink/glo ink vehicle Japans, baking and drying Kalsomines, dry or paste Lacquer bases and dopes Lacquer thinner Lacquers, plastic Leaf-in-roll paints Thickets (paint driers) Lithographic varnishes Nitrile paints Naphthenate driers Oleic driers Paint brush cleaners Paint removers Paints, asphalt and bituminous Paints: oil and alkyd vehicle, dry water thinned Paints, plastic texture: paste and dry Paints, waterproof Phenol formaldehyde coatings, baking and air curing Plastics base paints and varnishes Plastisol coating compound Polyurethane coatings Primers, paint Putty Rosinata driers Shellac (protective coating) - Spruce driers Stains: varnish, oil, and wax Tallow driers Thinner coatings, paint Varnish removers 		

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEAC TOP
		Varnishes Vinyl coatings, strippable Water plasticizers Wood fillers, end sealers Wood stains Zinc Oxide in oil (paint)	15) Waste Emulsion & Filter 16) Posture Film Former or Flame Retardant 17) Waste Catalyst 18) Waste Laminate Drier 19) Miscellaneous wastes 20) Paint Non-flame Sludge 21) Solvent-based Paint Sludge 22) Cadmium Sulfide Pigment Wastes 23) Typical Hazardous Solvents are: 24) Typical Hazardous Toxic Pigments are: 25) Used Preservatives are: 26) The following spent halogenated solvents is used in degreasing: tetrachloroethylene, trichloro- ethylene, methyl chloride chlorides, 1,1,1-trichloroethane, carbon tetrachloride, and chlorinated fluorocarbons; and sludges from the recovery of these solvents in degreasers (E9301) (E001)		<p>Asbestos Chlorinated Rubber Cobalt Naphthenate; Lead Naphthenate Lead Nitroxide; Zinc Naphthenate Barium Metaborate; Lead Oxide; Clovers; Resins Lead Carbonate; Lead Oxide; Clovers; Resins Chromium; Mercury Cadmium; Selenium; Selenates Acetone; n-Butyl Acetate; Ethanol; Diacetone Alcohol; Ethyl Acetate; Heptane; Hexane; Isobutanol; n-Bu; n-Hexane; n-Hexene; Toluene; Vt & P Nacids; Xylene Antimony Pentoxide; Antimony Trisulfide; Barium Carbonate; Barium Lithal; Cadmium Selenide; Chromium Oxide; Copper Oxide; Basic Lead Car- bonate; Lead Chromate; Lead Polybutate; Lead Orthophosphate; Lead Silicate Copper Phthalocyanine; Zinc Orthochlorophenoxy Tetra- Hydrate; Zinc Stannite Ponactlonophenol; Copper Napthoate; Phenylmer- curic Acetate; Phenylmercuric Oxide; Phenylmercuric Succinate</p> <p>Tetrachloroethylene, Methylene Chloride Trichlo- rolylens, 1,1,2-Trichloroethane, Chlorinated Fluorocarbons, Cadmium Tetraoxide</p>	

SC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	TSC TRY
			HAZARDOUS WASTES	
			HAZARDOUS COMPOUNDS	
			WASTE STREAM	
2351	Paints, varnishes, lacquers, enamel and allied products (thred coatings)	<p>23) The following spent non-halogenated solvents: xylene, methyl acetate, ethyl benzene, methyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone; and methanol; and the still bottoms from the recovery of these solvents (F003)</p> <p>24) The following spent non-halogenated solvents: cresols and croscile acid, nitrobenzene; and the still bottoms from the recovery of these solvents (F004) (F004)</p> <p>25) The following spent non-halogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, and acetone; and the still bottoms from the recovery of these solvents (F005) (F005)</p> <p>a) wastewater treatment sludges from paint production (C.I.)</p> <p>b) air pollution control sludges from paint production (T)</p>	<p>N.A.</p> <p>Cresols and Croscile Acid, Nitrobenzene</p> <p>Methanol, Toluene, Methyl Ethyl Ketone, Methyl Isobutyl Ketone, Carbon Disulfide, Isobutanol, Pyridine</p>	
2352	INDUSTRIAL ORGANIC CHEMICALS. Including:	Paint and related items as listed above		10,234
(2353) Benzene (Very Hazardous Commodity)		See below		341,234
			<p>Note: Although this product (commodity) is listed above, no hazardous waste stream noted in 114, entries other than Nos. 13 and 15 listed below</p> <p># 2865</p>	N.A.
2354	Organic Dyes and Pigments			41,234
2355	Organic Dyes			23,234
2355.2	Azoic Dyes and Components			23,234
2355.2.2				23,234
2355.2.5	Ureas			23,234
2355.3	Other Azoic Dyes			23,234
2355.3.1	Organic Pigments			23,234
2355.3.1.1	Solvent Dyes and Cosmetic Colors			23,234
2355.3.1.2	Organic Chemicals			23,234
2355.3.1.3	Plastics and Perfume Ingredients			23,234
2355.3.1.4	Solventless Cosmetic Oils			23,234
2355.3.1.5	Food Colorings			23,234
2355.3.1.6	Artistic, Cosmetic and Perfume Materials			23,234
2355.3.1.7	Cosmetic, Cosmetic and Perfume Materials			23,234

S.C.	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	
			WASTE STREAM	HAZARDOUS COMPONENTS
22562 22555 22555 N 22553 N 22553 N 22553 S 22553 S 22557 22557 22557 22557	Food Additives Plastic and Rubber Chemicals Plastic Additives Rubber Processing Chemicals Preservatives Enzymes Rheo-Colour Additives and Synthetic Lubricants Textiles, Paper and Leather Chemicals	See below		
22565	INDUSTRIAL ORGANIC CHEMICALS - Group I: Waste Streams			Cadmium, Selenium, Solvents Pentachlorophenol; Water Copper; Chromium; Phenols; Hydrogen; Oxygen; Antiline; Disulfonic Acid Chromates (Cr+3); Chromic Hydroxide Sludge; Sulfides; Diphenylamine; Dinitrophenol Nitrobenzene; Nitroaniline; Phenol Manganese Thiocarbonate; Zinc; Fur Tan; Century; Carantium Chlorophelin
22566			1) Cadmium-Selenite; Pigment Wastes 2) Spent Wood Preserving Liquid 3) Wastes from Fine Manufacturing 4) Chromate Wastes from Pigments and Dyes 5) Wastes from the Manufacture of Chlorofuran 6) Wastes from the Manufacture of Tetraethyl and Tetramethyl Lead 7) Wastes from Carbonated Plastic do Manufacturing and certain ECO Est. wastes 8) Wastes from: Production of Phenox Herbicides 9) Contaminated Antimony Trifluoride 10) Contaminated Antimony Pentafluoride 11) Contaminated PCP 12) Wastes from the manufacture of Per- chloro Acids (NaClO ₄) (KClO ₄) 13) Wastes from the manufacture of Nitrobenzen, Nitro Benzene, Nitro Body Heavy Erie, Sodium Sulfate, Sodium Carbonate 14) Wastes from the manufacture of Chlorinated Solvents	Tetraethyl Lead Ethyl Chloride, Partially Chlorinated Organic by-products Manganese Thiocarbonate; Zinc; Fur Tan; Century; Carantium 2,4-D; 2,6-D; and 2,4,5-T; Mono & Trichloro Phenoxy Compounds, Acrylic Acid Antimony Trifluoride Antimony Pentafluoride Polymerized Biphenyls; Alpha Methyl Styrene Antimony Trifluoride, Trichloroethane, Chlorinated Solvents, Calcium hydroxide, Calcium Chloride, Hex- achlorobutadiene, Chloroethanes, Chloroethenes, Chlorobutadienes Nitrobenzene, Nitro Benzene, Nitro Body Heavy Erie, Sodium Sulfate, Sodium Carbonate Polymerized Tars, Nitro Heavy Body Erie

S.C	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEC TPY
WASTE STREAM					
15) Wastes from the manufacture of Chloroform (49332, NA9352) (K085)			Benzene Chlorobromine, Polychlorinated Aromatic Wastes		
16) Wastes from the manufacture of Epychlorohydrin			Hexachlorobutene, Chlorobromine, Chlorobutidone, Tars and Residues		
17) Wastes from the manufacture of Epichlorohydrin, Dichloropropane, Chloroethers, Trichloropropane					
18) Wastes from the manufacture of Furfural			Trichloroethanolamines, Tars Polymers, Furfural, Sulfuric Acid		
19) Wastes from the manufacture of Benzol Peroxide			Sodium Hydroxide, Hydrogen Peroxide, Benzole Acid, Other Aromatic Compounds		
20) Wastes from the manufacture of Pyridines			Methyl Ethyl Pyridine, Perbenzoic Acid, Pyridines, Picolines, Acetates		
21) Wastes from the manufacture of Fluorocarbons			Sodium Hydroxide, Sulfuric Acid, Antimony Pentachloride		
22) Wastes from the manufacture of Telurine D Isocyanate			Hydrogen Chloride, TDI, Polymers and Tars, Ferric Chloride, Isocyanates		
23) Wastes from the manufacture of Vinyl Chloride, Acrylonitrile			Ferric Chloride, Ethylene Dichloride; 1,1,2,2-Tetrachloroethane; Tetraethylorthosilicate, Halogenated Hydrocarbons, Tars, Mercuric Nitrate		
24) Wastes from the manufacture of Methyl Chloroformate			Antimony Sulfide, Sulfuric Acid, Ammonium Methacrylate, Methyl, Polymers, Ammonium Cyanide, Hydrocarbons		
25) Wastes from the manufacture of Acrylonitrile (including EPK No. K011)			Nitrile Polymers		
26) Wastes from the manufacture of Halic acid			Halide Anhydrides, Fumaric Acid, Chromogenic Compounds, Tars		
Note: This below is not applicable (Gen 28551), 2552 & 26(53) also may be present. In this case a stream generated in the manufacture of many important organic chemicals.					

SIC	MANUFACTURING GROUPS	PRODUCTS (Parties)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMVENTS	TSC/TTR
225	Orelite Coal Tar Crudes, and Orelite Intermediates, Dyes, and Organic Pigments (Lakes and Toners) (Lakes and Toners)			<p>Acid dyes, synthetic Acids, coal tar derived from coal tar distillation</p> <p>Alkydated diarylamine, mixed</p> <p>Alkyldened phenol, mixed</p> <p>Anthraquinonebenzene</p> <p>Anisolebenzene</p> <p>Anisotetralin</p> <p>Antiocheneol</p> <p>Aniline</p> <p>Aniline oil</p> <p>Anthraquinone</p> <p>Anthraquinone dyes</p> <p>Az film dyes</p> <p>Azo dyes</p> <p>Acobenzene</p> <p>Azoic dyes</p> <p>Benzaldehyde</p> <p>Benzene hexachloride (BHC)</p> <p>Benzene, product of coal tar distillation</p> <p>Benzic acid</p> <p>Benzene, product of coal tar distillation</p> <p>Biological stains</p> <p>Chemical Indicators</p> <p>Chloroaniline</p> <p>Chloronaphthalene</p> <p>Chlorophenol</p> <p>Chlorotoluene</p> <p>Coal tar creosote, derived from coal tar distillation</p> <p>Coal tar distillates</p> <p>Coal tar intermediates</p> <p>Colour lakes and toners</p> <p>Colour pigments, organic: except anthracene black and bone black</p> <p>Colours, dy: lakes, toners, or full strength organic colours</p> <p>Colours, extended (colour lakes)</p> <p>Cosmetic dyes, synthetic</p> <p>Crociate oil, product of coal tar distillation</p> <p>Cresols, product of coal tar distillation</p> <p>Cresolic acid, product of coal tar distillation</p> <p>Cyclic carboxylic acids, coal tar: products of coal tar distillation</p> <p>Cyclic intermediates</p> <p>Cyclotriphosphine</p> <p>Diatomite laminae</p>	41,564	

SIC	MANUFACTURING GROUPS	PRODUCTS (Raw materials)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS ORPONENTS	TAC TPY
		<p>Drug dyes, synthetic</p> <p>Dye (cyclic) Intermediates</p> <p>Dyes, food: synthetic</p> <p>Dyes, Synthetic organic</p> <p>Exsine toners</p> <p>Ethylenimines</p> <p>Nitroso-imine</p> <p>Isomiazidines</p> <p>Lake red C toners</p> <p>Leather dyes and stains, synthetic</p> <p>Lithol rubium lakes and toners</p> <p>Maleic anhydride</p> <p>Methyl violet toners</p> <p>Naphtha, solvent: product of coal tar distillation</p> <p>Naphthalene chiles and flakes</p> <p>Naphthalene, product of coal tar distillation</p> <p>Naphthol, aldehydes and ketones</p> <p>Nitro dyes</p> <p>Nitroniline</p> <p>Nitroso-imino</p> <p>Nitrosodimethane</p> <p>Oils, mining</p> <p>Oils: light, medium, and heavy - product of coal tar distillation</p> <p>Organic pigments (lakes and toners)</p> <p>O-tetrachloroethane</p> <p>Paint pigments, organic</p> <p>Pearl black lake</p> <p>Pentachlorophenol</p> <p>Persian orange lake</p> <p>Stannic:</p> <p>Phloxine toners</p> <p>Phosphomolybdic acid lakes</p> <p>Phthalocyanine colored lakes</p> <p>Phthalocyanine toners</p> <p>Phthalic anhydride</p> <p>Phthalocyanine toners</p> <p>Pigment scarlet lake</p> <p>Pitch, product of coal tar distillation</p> <p>Pulp colours, organic</p> <p>Quinolino dyes</p> <p>Rosaceous</p> <p>Scarlet 2 R lake</p>				

SIC	MANUFACTURING GROUPS	PRODUCTS (Reports)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TSC/TY
28651	Aromatic Basic Organic Chemicals	(Products included in above listing for 2865)			Aluminum oxide (PDA contaminated catalyst), Animes, Ammine, Aromaticam, Benzidine, Hydrochloride, Chlorinated aromatic, Chlorotoluene and bis(2,4-dicyanophenoxy)bisphenol, Dihydronaphthalene, Dinitrochlorobenzene, Diphenylamine, Heavy metal catalyst from mining manufacture, Heavy organics from dinitroaniline manufacture, Hydroaromatics, Hydroquinone, Isocyanates, Naphthalene Oxidizes, Naphthalene, Naphthalene, anisohydride, benzylamine, Nitrobenzene, Nitrobenzene sulfonic acid, Nitrobenzene, N-(2-nitroethyl)-N,N-dimethylbenzylamine, Phenol, Phenolics, Phenylendiamines, Phosgene, Phthalic Anhydride, Phenol contaminated Polymeric ester, Polymers and tarry matter from Isocyanates manufacture, p-Chlorophenol, p-Dinitrobenzoic acid, p-Nitrotoluene, Sulfuric acid, Quinone, Resorcinol, Phenol and cresol Resorcinol, Sodium phenoxide, Spent catalyst and support. Sulfuric acid, Tars from diphenylamine manufacture	
28652	Organic dyes, including:				Tar & naphthy lamine from a and b naphthy lamine manufacture. Tolueno diamine, Toluidine, 2-naphthy lamine, 2,4 diaminotoluene benzene, 3,3'-dichlorobenzidine	
28653	Organic pigments				Anisotoluene, Chloroacetic acid, Dinitroethanol, Phenol, p-nitroldine, p-formylbenzisole, p-trifluoromethyl, o-aminobenzo benzeno, o-bromoaniline, o-nitrophenol, 2-nitroaniline, 2-amino, 4-nitropheno, 2-nitro-4-phenol, 2-nitro, 4-amino bis(olein), 2,4-diaminotoluene, 4-nitrotoluene (paran- <i>p</i> -toluidine)	
28655	Cyclic (coal tar) crudes and cyclic intermediates, dyes and organic pigments (lakes and toners), including:				Naphthy lamine, N-methylnaphthy lamine, p-Toluidine, p-Toluidine-2-sulfonic acid, p-Toluidine-3-sulfonic acid, 3,3'-dichlorobenzidine	41,264
28656	Maleic Anhydrides	Emulsions, Plasticizers, etc.			Vacuum still bottoms from the production of maleic anhydrides	
28657	Benzyl Chloride	Still bottoms from crystallization of benzyl chloride			Benzyl chloride, Chlorobenzene, Toluene, Benzotrifluoride	

SIC MANUFACTURING GROUPS	PRODUCTS (Recoveries)	HAZARDOUS WASTES	
		WASTE STREAM	HAZARDOUS COMPONENTS
2252c Benzene chlorobenzene	Benzene chlorobenzene	Distillation residues from fractionating tower for recovery of benzene and chlorobenzene.	
2253c 1-Chloro - 4-nitrobenzene	1-chloro - 4-nitrobenzene	Vacuum distillation residues from distillation of 1-chloro-4-nitrobenzene	
2253n Methyl methacrylate	Methyl methacrylate	Still bottom or heavy ends from methanol recovery in methyl methacrylate production	
		Distillation by from tars from the production of 1-chloro-4-nitrobenzene from cumene (NA93 16) (K022)	
		Distillation light ends from the production of phthalic anhydride from naphthalene (NA93 31) (K022)	
		Distillation bottoms from the production of phthalic anhydride from naphthalene (NA93 31) (K022)	
		Distillation light ends from the production of phthalic anhydride from orthoxylene (NA93 31)	
		Distillation bottoms from the production of phthalic anhydride orthoxylene (NA93 31)	
		Distillation bottoms from the production of nitrobenzene by the nitration of benzene (NA93 11) (K023)	
		Stripping still tails from the production of m-chloroethyl styrene (NA93 2) (K025)	
		Distillation bottoms from the production of aniline (NA93 2) (K025)	
		Process residues from aniline extraction from the fractionation of aniline (NA93 20)	
		Conglomerates or sludges generated from nitration / aniline production (NA93 15)	
		Tar	Tar

SIC	MANUFACTURING GROUPS	PRODUCTS (Raw materials)	WASTE STREAM:	HAZARDOUS WASTES	HAZARDOUS CONTENTS	TEAC P:
269	Inorganic organic chemicals (not elsewhere classified), including:			Benzene, methchlorobenzene, dichlorobenzenes, trichlorobenzenes, tetrachlorobenzenes, pentachlorobenzenes, hexachlorobenzenes, benzyl chloride		
				o-xylene, benzylbenzene, benz(b)fluoranthene benzofluoranthene		
			Water after treatment effluents generated in the combustion of asbestos (NA932) (K085)			
			Distillation bottoms from the production of acrylonitrile from ethylene (NA9324) (K086)	Chloroform, formaldehyde, methyl methacrylate, methyl chloride, paraformaldehyde, formaldehyde, chloroacetic acid	239,900	
			Distillation side cuts from the production of acrylonitrile from ethylene (NA9325) (K011)	Chloroform, formaldehyde, methyl methacrylate, methyl chloride, paraformaldehyde, formaldehyde, chloroacetic acid		
			Bottom stream from the reactor stripper in the production of acrylonitrile (NA933) (K011)	Methacrylic acid, acrylonitrile, acetone		
			Bottom stream from the distillation column in the production of acrylonitrile (NA937) (K013)	Methacrylic acid, acrylonitrile, acetone		
			Bottoms from the acrylonitrile purification column in the production of acrylonitrile (NA932) (K014)	Acrylonitrile, acrylamide		
			Heavy ends of distillation residue from the production of carbon tetrachloride (NA933) (K016)	Hexachlorobenzene, hexachlorostyrene, carbon tetrachloride, hexachloroethane, pentachloroethane		
			Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin (NA935) (K017)	Epichlorohydrin, chloroethers bis(chloromethyl) ether and bis(2-chloromethyl) ethers, trichloro- propane, dichloropropanols		
			Heavy ends from the fractionation column in ethyl chloride production (NA932) (K01)	1,2-dichloroethene, trichloroethylene, hexachloro- butadiene, hexachloroethane		
			Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production (NA933) (K019)	Ethylenedichloride, 1,1,1-trichloroethene, 1,1,2,2- trichloroethane, tetrachloroethane and 1,1,1,2-tetrachloroethane,		
			Carbon tetrachloride	trichloroethylene, tetrachloroethylene, carbon tetrachloride, chloroform, vinyl chloride, vinyl chloride		
			Curing fluids, for curing fruits, spices, vegetables, etc.			
			Cultivation sulfur, unhalogenized			

SC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	HAZARDOUS WASTES
			WASTE STREAM	HAZARDOUS COMPOUNDS
	Chemical warfare gases Chlor Chlorinated solvents Chloroacetic acid and metallic salts Chloroform Chloroic acid Citrales Citric acid Citronellol Cumarin Cynnamyl Dieldrin DDT, technical Dechydrorophitalene Dichlorodifluoromethane Diethyl cyclohexanes (mixed isomers) Diethyl glycol ether Dimethyl di vinyl acetyl lone (di-isocyanate) acetyl lone Dimethyl hydrazine, unarmmetized Emulsifying fluids Enzymes Esters of phosphoric, adipic, lauric, oleic, sebacic, and stearic acids Esters of phthalic anhydride Ethanol, Industrial Ether Ethyl acetate, synthetic Ethyl alcohol, Industrial (non- denatured) Ethyl benzoate Ethyl chloroformate, unclassified Ethyl chloride Ethyl ester Ethyl formate Ethyl nitrite Ethyl phenylbenzene Ethylene Ethylene glycol Ethylene glycol ether Ethylene oxide Fatty acid esters, amides, etc. Formic amide, organic Flavors and flavoring materials Synthetic Fluorinated hydrocarbon gases Formic acid (formalin) Formic acid and metallic salts From fuel constituents, solid: organic			
	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production (NA934) (K022)			Ethylenedichloride, 1,1,1-trichloroethane, 1,1,2-trichloroethane, tetrachloroethanes (1,1,2,2-tetrachloroethane and 1,1,1,2-tetrachloroethane), trichloroethylene, tetrachloroethylene, carbon tetrachloride, chloroform, vinyl chloride, vinylidene chloride
	Aqueous spent antifreeze catalyst waste from 11000's antifreeze production (NA935) (K32)			
	Centrifuge oil distillation residues from toluene/water azeotrope production (NA945) (K32)			Toluene disocyanato, toluene-2,4-diamino, <i>tert</i> -butyl dichloroform
	Spent catalysts from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane (NA934) (K028)			1,1,1-trichloroethane, vinyl chloride
	Waste from the production of stream stripper in the production of 1,1,1-trichloroethane (NA935) (G7-9)			1,2-dichloroethane, 1,1,1-trichloroethane, vinyl chloride, vinylidene chloride, chloroform
	Esters of phosphoric, adipic, lauric, oleic, sebacic, and stearic acids		Distillation off cuts from the production of 1,1,1-trichloroethane (NA934)	
	Esters of phthalic anhydride			
	Ethanol, Industrial		Heavy ends from the heavy ends columns from the production of 1,1,1-trichloroethane (NA934)	
	Ether			
	Ethyl acetate, synthetic		Column bottoms or heavy ends from the combined product of 1,1,1-trichloroethane and dichloroethylene (NA934) (K020)	
	Ethyl alcohol, Industrial (non-denatured)		By-product as its separated in the production of MSA and acrylylic acid (NA934) (K33)	
	Ethyl benzoate		Wastewater from sludge from the production of MSA and acrylylic acid (NA934) (K33)	
	Ethyl chloroformate, unclassified		Wastewater from sludge from the production of chloroform (NA935) (K022)	
	Ethyl chloride		Wastewater from sludge from the chlorination of chloroform in the production of chlorine (NA935) (K022)	
	Ethyl ester		Filter soils from the filtration of hydrochlorocyclohexadienes in the production of chlorine (NA935) (K022)	
	Ethyl formate			
	Ethyl nitrite			
	Ethyl phenylbenzene			
	Synthetic			
	Fluorinated hydrocarbon gases			
	Formic acid (formalin)			
	Formic acid and metallic salts			
	From fuel constituents, solid: organic			

SIC	MANUFACTURING GROUPS	PRODUCTS (Details)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS CONTENTS	PERC
		<p>Fuels, high energy: organic Glycerol, synthetic Glyceral, extract from fats (synthetic)</p> <p>Gren alcohol, industrial (non-beverage)</p> <p>Hazardous chemicals High purity grade chemicals, organics refined from technical grades</p> <p>Hydraulic fluids, synthetic base</p> <p>Hydrazine</p> <p>Industrial organic cyclic compounds</p> <p>Isopropyl alcohol</p> <p>Ketone, methyl isobutyl</p> <p>Laboratory chemicals, organic</p> <p>Laureic acid esters</p> <p>Lime cements</p> <p>Malononitrile, technical grade</p> <p>Metallic salts of cyclic organic chemicals</p> <p>Metabolic sterates</p> <p>Methyl, synthetic (methyl ethoxy)</p> <p>Methyl chlorides</p> <p>Methyl propyl acetate/water</p> <p>Methyl salicylate</p> <p>Methylamine</p> <p>Methyl long chain oils</p> <p>Monochlorodifluoromethane</p> <p>Monooxybutyric/butyryl esters; sulfate</p> <p>Manganese gluconate</p> <p>Muskrat gns.</p> <p>Naphthalene sulfonic acid condensates</p> <p>Naphthenic acid soaps</p> <p>Normal hexyl borate</p> <p>Nuclear fuels, organic</p> <p>Oleic acid esters</p> <p>Organic acids/esters, cyclic</p> <p>Oxides</p> <p>Oxalic acid and metallic salts</p> <p>Pentazirithritol</p> <p>Perchloroacetyl compounds</p> <p>Perfume materials, synthetic</p> <p>Phthalates</p>	<p>Still waters from tallage reclamation distillation. In the production of distillate. (W 936) (K035)</p> <p>Wastewater treatment sludges from the production of distillate (W 935) (K037)</p> <p>Wastewater treatment sludge from the production of toxaphene (W 935) (K041)</p> <p>Untreated process wastewater from the production of toxaphene (K035)</p> <p>Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T (W 937) (K012)</p> <p>2,6-Dichlorophenoxy waste from the production of 2,4-D (W 935) (K03)</p> <p>Untreated wastewater or from the pro- duction of 2,4-D (W 937)</p> <p>See also SIC 23591, etc.</p>	<p>Toluene, phosphorodithioic and phosphorothioic acid esters</p> <p>Toluene, phosphorodithioic and phosphorothioic acid esters</p> <p>Toxaphene</p> <p>Hexachlorobenzene, ortho-chlorotoluene</p> <p>2,4-dichlorophenoxy, 2,6-dichlorophenoxy, 2,4,5-trichlorophenoxy</p>	77%	

SIC	MANUFACTURING GROUPS	PRODUCTS (Raw materials)	HAZARDOUS WASTES	TEAC TRY
			HAZARDOUS STREAM	HAZARDOUS COMPONENTS
		Plasticizers, organic: cyclic and acyclic Polyhydrolic alcohol esters, amines, etc. Polyhydric alcohols Potassium borohydride Preservatives for masses, solid, organic Propylene Propylene glycol Quinacridone ester of benzyllic acid Refined group chemicals, organic: refined from technical grades Petrol or engine fuel, organic Rubber processing chemicals, organic: accelerators and antioxidants Saccharin Sebacic acid Silicones Sodium, maphthalic acid Sodium acetate Sodium alginate Sodium benzoate Sodium glutamate Sodium parat-tartrate Sodium sulfonate formaldehyde Solvents, organic Sorbitol Steric acid salts Sulfonylated aromatic Tackifiers, organic Temic acid Tanning agents, synthetic organic Tartaric acid and metallic salts Tartrates Tartric acid Terpinol Test-duty latex (2-hydroxyphenyl) ether fluid Tetraethyl orthoformate Tetraethyl lead Thioglycolic acid, for permanent wave lotions Trichloroethylene Trichloroacetylchloride Trichloroacetyl/acetic acid		

S.C.	MANUFACTURING GROUPS	PRODUCTS (Reactive)	WASTE STREAM	HAZARDOUS WASTES	TAC
2651	Fibre and Fabric Materials	Trichlorotrifluoroethane, Tetrachlorodifluoromethane Tricyanovinyl acetate Tris(2-ethylhexyl) citrate Trityl phenoxide (reactive intermediates) Triphenyl phosphite Vinyllin, synthetic Vinyl acetate	See listing above	Production wastes including: Production wastes including: See listing above	Acetyl salicylic acid, Ferric chloride, Napthalic acid, Napthalene acid salts, Phenol, Phenolic salts, propenol, Trichloro chlorite, Zinc dust, 2,6-nitrotoluene, propenol
2652	Fibre and Fabric Materials			Acrylonitrile, Acrolein, Acrylic acid, Acrylonitrile, Allyl alcohol, Allyl chlorides, Amines, Ammonium cyanide, Ammonium methacrylate, Antimony salts, Antimony sulfide, Antibiotic leaching, Barium sulfate, Chlorinated aliphatics, Chilling, Chlorinated aldehydes, Chlorine, Chloroacetic acid, Chloromino estanes, Color (mداعب), Coagulation, Coagulants, Cross-hatching, Detergent, Detergent leaching, Distilled water, Dimethyl ethers, Ethyl benzene, Ethyl bromide, Ethyl chloroformate, Ethyl diisobutyl ketone, Ethyl diamine, Ethyl ether, Ethyl formate, Ethyl imidazole, Ethyl mercaptan, Ethyl nitriles from acrylic ester hydrolysis, Heavy metal catalysts from in-polymer manufacture, Heavy tars from vinyl chloride manufacture, Hydrogenation, Hydroquinone, Lead sludge, Mercuric tin hydride, Potassium fluorinating agent, Styryl boron trifluoride, Styryl ethyl ketone, Methyl methacrylate, Mixed benzyl substituted hydrocarbons, m-Sulfonated EPTA, Nickel from hexamethyldiiodoacetate, Nickel chloride, N,N-dimethyl amino, N,N-dimethyl amine, Phenols, Polyacrylates, Polymers, Polychlorostyrene, Polychlorophenol, Propylbenzene, Propylene oxide, Propylene sulfide, Sodium acrylate, Sodium formate, Sodium sulfide, Tires from styrene derivative manufacture, Tetraethyl boron, Tetraethyl boronate, Trichloroform, Trichloroformate, Vinyl chloride, Vinyl chloride, Vinyl chloride/vinyl, 1,1,2-Trichloroethane chloride, Zinc acetate/zinc oxide, Zinc chloride	

SIC	MANUFACTURING GROUPS	PRODUCTS (Percent)	WASTE STREAM	HAZARDOUS WASTES	
				HAZARDOUS WASTES	HAZARDOUS CONTENTS
			TriFluorine	5) Wastes from manufacture of Tri- fluorine	Tetrafluorine
			Derection and Methyl I Peroxide	6) Wastes from manufacture of Pero- xide and Methyl Peroxide	Peroxide
			No'stethane	7) Wastes from manufacture of Methylthane	Trifluoroethane; Dichloroethane, Methylamine Contaminated Solvents
			PCB	8) Contaminated PCB	Polychlorinated Biphenols, Alpha Methyl I Styrene
			Chloroplatin	9) Wastes from manufacture of Chloroplatin	Chloroplatin
			Tetraethyl I and Tetramethyl Lead	10) Wastes from manufacture of Tetraethyl I and Tetramethyl Lead	Tetraethyl I Lead, Tetramethyl Lead
			Epidichlorohydrin	(a) Heavy ends (s-t-l) bottoms) from frac- tionator in production of vinyl hydride	
			Ethy I chloride	(b) Heavy & low-boiling organics from frac- tionation in ethyl chloride production	
				(c) Column bottoms or heavy ends from production of trichloroethylene	
				(d) Heavy ends from distillation of vinyl chloride in production of vinyl chloride from allyl lens dichloride	
				(e) Heavy ends from distillation of ethyl dichloride, trichloroethylene production from allyl lens dichloride	
				(f) Heavy ends or distillation residues from oil boil & trichloroethylene fractionation tower	
			Nitrobenzene	(g) Still bottoms from production of fur- fural ()	
			Furfural	(h) Spent catalyst from fluoroscarbon product or	
			Fluorocarbon		

SIC	MANUFACTURING GROUPS	PRODUCTS (KINDS)	WASTES STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEC/TYP
		<p>Insecticides, household Insecticides, agricultural Lure arsenite, formulated Lure sulfur, dry end solution Lindane, formulated Metal repellents Nicotine and salts Perme Green (Insecticide) Pesticides, household Phytocathin Plant hormones Poison: ant, rat, roach, and rodent - household Pyrethrin based preparations Pyrethrin concentrates Rodent ciders Rodenticide baiting preparations Rotonova concentrates Soak dips, dithioc Sodium arsenite (formulated) Soil conditioners Sulfur dust (Insecticide) Thiocyanates, organic (formulated) Trace elements (agricultural chemicals) Xanthone (formulated)</p> <p>(2) Organic herbicide, pesticide product on wastes</p> <p>(3) Organic pesticide production wastes</p> <p>(4) Phenacyl herbicide production wastes</p> <p>(5) Benzoic herbicide contaminated containers</p> <p>(6) Calcium arsenite contaminated containers</p> <p>(7) Cartons & pesticides and herbicides contaminated containers</p> <p>(8) Chlorinated aliphatic pesticide and herbicide contaminated containers</p> <p>(9) Dinitro pesticide contaminated containers</p> <p>(10) Lead or zinc contaminated containers</p> <p>(11) Mercury fungicide contaminated containers</p> <p>(12) Miscellaneous organic insecticide containers</p> <p>(13) Organic arsenic contaminated containers</p> <p>(14) Organic fungicide contaminated containers</p> <p>(15) Organophosphorus contaminated containers</p> <p>(16) Phenacyl pesticide contaminated containers</p> <p>(17) Phenacyl urea on instead</p> <p>(18) Polychlorinated hydrocarbon</p> <p>(19) Triazine contaminated containers</p> <p>(20) Miscellaneous organic pesticide contaminated containers</p> <p>(21) Agricultural pesticide arsenic wastes</p> <p>(22) Mercurofum fungicide production wastes</p> <p>(23) Pesticide arsenite wastes</p> <p>(24) Pesticide arsenic wastes</p> <p>(25) TBCO production wastes and contaminated leats</p> <p>(26) Wastes from pesticide-herbicide reducing wastes</p> <p>(27) Nitrolic pesticide wastes</p> <p>(28) Organic pesticide from production of crystals</p> <p>(29) Oil or contaminated thatium and thallium sulfate remnants</p>	<p>Methylmercury, Phenothiazine, Dieldrin, Demeton, Guthion, Phosdrichlorate, Methyl Parathion, Abate, Terpo Pyrethrin 2,4-D; 2,6-D; Kero & Trichloro Phenacyl Acetic Acids, Solvents, Water, 2,4,5-T Eucol herbicides</p> <p>Calcium Arsenites</p> <p>Carbamate pesticides and herbicides</p> <p>Chlorinated Aliphatic pesticides and herbicides</p> <p>Dinitro Herbicides</p> <p>Lead Arsenato</p> <p>Mercury Fungicides</p> <p>Organic Insecticides</p> <p>Organic Arsenical Herbicides</p> <p>Organic Fungicide</p> <p>Organophosphorus Insecticides</p> <p>Phenacyl Herbicides</p> <p>Polychlorinated Hydrocarbons Insecticides</p> <p>Triazine Herbicides</p> <p>Miscellaneous Organic Pesticides</p> <p>Arsanic Trioxide, Arsenic Acid</p> <p>Mercury Aliphatic Mercury Compounds; Aromatic Mercury Compounds</p> <p>Calcium Arsenite, Cadmium Arsenite, Lead Arsenite, Sodium Arsenite, Zinc Arsenite, Magnesium Arsenite Arsenic Salt mixtures of Sodium Sulfate and Sodium Chloride with Arsenic</p> <p>Sodium Fluoroacetate</p> <p>Copper Arctoarsenite, Sodium and Potassium Arsenite, Zinc Arsenite, Lead Arsenite</p> <p>Isobutyl Nitrite</p> <p>Sodium Chloride, Copper Arctoarsenite, Copper Arsenite Dimethyl- Arctoarsenic Acid, (O)2 Arctoarsenic Acid and Sodium Salt</p> <p>Thallium and Thallium Sulfato</p>			

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM:	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS	T/C TP
		Nitrostarch (explosives) Nitroglycerin (explosives) Perchlorates (explosives) Permissible explosives Picric acid (explosives) Powder: ballist., smokeless and smothing (explosive) RDX (explosives) Squibs, electric Styphnic acid Tetryl (explosives) TNT (trinitrotoluene) Wall shooting torpedoes	(4) Waste from solid propellant manu- facturing; propellant contaminated wastes, industrial propellant explosive wastes (5) Waste from solid propellant manu- facturing; dry propellant contaminated wastes, thus fuel propellant explosives waste (6) Waste from manufacture of matches and dynamite wastes (7) Jet and rocket fuel storage and use wastes (8) Waste from explosives and incendiaries	(a) Calatinized (PC); Nitro Cellulose; Smokeless Powder, Single-Space and Multi-Space Besse	Calatinized (PC); Nitro Cellulose; Smokeless Powder, Single-Space and Multi-Space Besse	

SIC	MANUFACTURING CATEGORIES	PRODUCTS (Reports)	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS	TEC
2393 Other explosives, except TNT	Explosives		(b) Solvent, carbon tetrachloride used in treatment of wastewater; - (a) corona discharges (b) wastewater treatment sludges from oxidative propellants and initiating compounds manufacture (C, P, I) (c) Initiator wastes from production of initiating chemicals (T) Explosives	(b) Solvent, carbon tetrachloride used in treatment of wastewater; - (a) corona discharges (b) wastewater treatment sludges from oxidative propellants and initiating compounds manufacture (C, P, I) (c) Initiator wastes from production of initiating chemicals (T) Red water from TNT production (T)	4,337
2393 Manufacturing Ink		Bonzer Ink; Gold Ink; Gravure Ink; Ink, distilling Ink, plater; base or finished Lithographic ink; Printing Ink; Screen process ink	Solvent wastes and sludges, crustic washers and sludges, T-4705 wastes and sludges from color ink, tints and equipment used in the formulation of ink from pigments, driers, solvents, and stabilizers containing chromium and lead (M2321) (M0-5)	Chromium, lead	555,720
2399 Chemicals and chemical preparations (not elsewhere classified), including:		Acid, battery Acid resist for etching Anise oil Antifreeze compounds, except industrial alcohol Bar oil Binders (chromium, foundry supplies) Bluing Boil oil compounds, antisealing Bones, flashlight Cans, for toy pistols Carbon removing solvent Chlorine, carbon processed cotton (fibers) Chromium salts Chemical supplies for foundries Chromium in oil Concrete curing compounds (blends of pigments, waxes, and resins) Concrete hardening compounds Cone oil and binders Cone wax Corrosion preventive lubricant, synthetic base for jet engines Drilling fluid Drummed oil Dyes, household	(a) Non-utility power plant treated biphenyl wastes (PBBs), etc. (b) Electrical fuser manufacturing wastes Electrical switch board wastes Cuprous Acetyl Iodo from the manufacture of electrical switch board wastes	Cuprous Acetyl Iodo from the manufacture of electrical switch board wastes	
2399 10 Scouring Salt 2399 11 Fatty Acids 2399 12 Glycerin 2399 13 Mineral Oils 2399 14 Adhesives and Adhesive Chemicals 2399 15 Binders and Hardeners 2399 16 Metal Treating Compounds 2399 17 Sealants 2399 18 Water and Glass Treatment Chemicals		Scouring Salt Fatty acids Glycerin Mineral oils Adhesives and adhesive chemicals Binders and hardeners Metal treating compounds Sealants Water and glass treatment chemicals	Chromium salts Chromium supplies for foundries Chromium in oil Concrete curing compounds (blends of pigments, waxes, and resins) Concrete hardening compounds Cone oil and binders Cone wax Corrosion preventive lubricant, synthetic base for jet engines Drilling fluid Drummed oil Dyes, household		
2399 19 Colloids and Related Products					
2399 20 Anticorroding Compounds Inhibitors					
2399 20 Rust Preventives and Inhibitors					
2399 20 Catalysts					
2399 20 Pollution Catalysts					
2399 21 Chromium Catalysts					
2399 22 Propellant Propellants					
2399 22 Rocket Fuels					
2399 23 Manufacturing Chromium NEC					
2399 24 U.S. Chemicals, Etc.					

SIC	MANUFACTURING GROUPS	PRODUCTS (parents)	HAZARDOUS WASTES	
			WASTE STREAM	HAZARDOUS COMPONENTS
		Essential oils Cures Ebonites for metal industries Fenders (chemical) foundry Suppliers Fatty acids: merceric, oleic, and stearic Fire extinguisher charges Fire retardant chemicals Fireworks Flares (all kinds) Fleldifier (retarder) for concrete Fluorescent inspection oil Fluxes: brazing, soldering, galvanizing, and welding Furnace charge mixtures Food contamination testing and screening kits Foundry supplies Frit Fuel tank and engine cleaning chemicals, automotive and aircraft Fuses: highway, marina, and railroad Gelatin capsules, empty Glycine: analytic, technical, photographic, and pharmaceutical Glue sizes Gneffruit oil Grounding material (concrete bonding compound) Gun slushing compounds Heat insulating compounds Heat treating sets Hydrofluoric acid compound, for etching and polishing glass Infrared ovens, carbon dioxide infrared Industrial sizes Ink and writing fluids, except printing Inspection oil, fluorescent Inulating compounds Inert fuel limiters Laminate skins, laminated Liquid-liquid	TAC PPC	

SIC	MANUFACTURING GROUPS	PRODUCTS (Markets)	
		WASTE STREAM	HAZARDOUS WASTES
			<p>Hazardous Components</p> <p>TEPC TTC</p> <p>Magnetic Inspection oil!</p> <p>and powder</p> <p>Inorganic acid</p> <p>Metal cleaning compound</p> <p>Lubricants</p> <p>Metal treating compounds</p> <p>Military pyrotechnics</p> <p>Nitroarin</p> <p>Oil, red (stearic acid)</p> <p>Oil treating compounds</p> <p>Oilic acid (red oil)</p> <p>Orange oil</p> <p>Orvis oil</p> <p>Cyanin</p> <p>Oxidizers, Inorganic</p> <p>Fatigue's! salt</p> <p>Painting compounds (chemical furniture supplies)</p> <p>Painting plaster, household</p> <p>Promulgants, Incendiary</p> <p>Rubberiment oil</p> <p>Plastic wood</p> <p>Plating compounds</p> <p>Pyrotechnic ammunition:</p> <p>Flares, signals, fuses-</p> <p>High brass, and rockets</p> <p>Railroad tie-pieces</p> <p>Red oil (stearic acid)</p> <p>Rifle bore cleaning compounds</p> <p>Rosin sizes</p> <p>Rust resisting compounds</p> <p>Salt</p> <p>Signal flares, mine</p> <p>Size: animal, vegetable, and synthetic plasters materials</p> <p>Sodium chlorite, refined</p> <p>Soil testing kits</p> <p>Sparsenheit oil</p> <p>Spiral dipping fluid</p> <p>Stearic acid</p> <p>Stencil correction compounds</p> <p>Tints and dyes, household</p> <p>Toxides (fireworks)</p> <p>Torpodes, railroad</p> <p>Vegetable oils, whitened or guturized</p> <p>Water, distilled</p> <p>Water treating compounds</p> <p>Waterproofing compounds</p> <p>Wax, caro</p> <p>Whiting gum oil</p> <p>Writing ink and fluids</p>

SC	MANUFACTURING GROUPS	PRODUCTS (Ranks)	HAZARDOUS WASTES
23	PETROLEUM REFINING AND RELATED INDUSTRIES		HAZARDOUS WASTES
231	PETROLEUM AND REFINER PRODUCTS		WASTE STREAM: HAZARDOUS COMPOUNDS
2311	Petroleum refining (oil products), including:		243,762 TEAC 775 263,200
23111	Diesel oil		
231111	Aromatic Gasoline		
2311111	Motor Gasoline		
23111111	Cetane		
23111112	Kerosene, EX Jet Fuel		
231112	Diesel Oil		
2311121	Heating Oil		
2311122	Diesel Oil		
2311123	Gas Oil		
231115	Residual Oil		
23112	Unfinished Oils and Lubricants Stocks		
231121	In Petrochemical Feedstocks		
231125	Lubricants		
23113	Base Oil Refining		
231131	Petro-Electric Products		
2311311	Refining		
23113111	Petroleum Refining Sludge		a) Petroleum refining, high octane product inc. nitrification & alkylation sludge (T) b) Petroleum refining DAF sludge (T,I,o) c) Petroleum refining kerosene filter oils (T) d) Petroleum refining filter oil filtration sludge (T)
23113112	Benzene, produced in petroleum refineries		e) Petroleum refining - stone soil emulsion solids (T,o) (N-3575) (K049)
23113113	Gasol, produced in petroleum refineries		f) Petroleum refining, emulsion emulsions (T) (N-3575) (K050)
23113114	Butadiene, from petroleum refineries		g) API Severe Corrosives (T) (N-3577) (K051)
23113115	Coke, petroleum produced in petroleum refineries		h) Copper and lead bearing refinery wastes
23113116	Fractionation products of crude petroleum		i) Gasoline & ending wastes
23113117	Gasoline, refined petroleum gasoline, blending plants		j) Step CII Emulsion Solids
23113118	Gasoline, oxygenated gasoline		k) Step CII Coolant Filter Sludge
23113119	Greases, lubricating, produced in petroleum refineries		k3) Spent lime from Boiler Foaming Treatment
23113120	Hydrocarbon fluid, used in petroleum refineries		k4) Esterized Durdi, cleaning sludge
23113121	Jet fuels		k5) Saponite Sludge
23113122	Kerosene		k6) Dissolve Air Filtration Wastes (N-3577) (K053)
23113123	Mineral oil, produced in petroleum refineries		k7) Kerosene Filter Slags
23113124	Mineral waxes, natural		k8) Crude Tank Bottoms
23113125	Naphtha, produced in petroleum refineries		k9) Tungsten Trichloride (N-3570) (K052)
23113126	Refineries acids		k10) Tungsten Trichlorides
23113127	Oils: fuel, lubricating and illuminating - produced in petroleum refineries		k11) Coal-tar Filter Sludge
23113128	Oil, partly refined solid for rendering - produced in refineries		Petro-Electric products
23113129	Petrolia wax, produced in petroleum refineries		Petroleum products

S.I.	MANUFACTURING GROUPS	PRODUCTS (Reagents)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS		TEC T-7
					WASTE STREAM	HAZARDOUS COMPONENTS	
		Petroleum Refining Residues, Burnous: Produced in petroleum refineries Pond oils, produced in petroleum refineries Solvents, liquid and in petroleum refineries Tear or residue, produced in petroleum refineries	k12) Neutralized Hydrofluoric Acid Alkalini- tation Sludges		Phosphoric, Fluoride		
			k13) Storm Water Slit+		Phenols, Heavy Metals, Benz-A-Pyrene		
			k14) Biocidal 2a. Treatment Solutions		Phenols, Heavy Metals, Oil		
			k15) Catalysts & Fine S-		Phenols, Heavy Metals, Oil		
			k16) Coke Flue		Phenols, Heavy Metals		
			k17) Filter Drives		Phenols, Heavy Metals, Benz-A-Pyrene, Oil		
			k18) Petroleum Refining Sour		Sodium Sulfides, Hydrogen Sulfide; Ammonium Sulfide, Phenol; Mercury Mercaptans; Ethyl Mercap- tans, Methyl Mercaptans, Acetic Acid, Cyanides, Nitrogen Bases		
			k19) Petroleum Refinery Spent Caustics		Methyl Sulfates, 102 Dinitrophenols, Mercaptans;		
			k20) Petroleum Refining Aldehydes Wastes		Phenol, Lead, Sodium Hydroxide; Acetophenone, Ethyl Alcohol, Formaldehyde, Sulfuric Diphosphorus Tetrads, Toluene, Ethyl Benzene,		
			k21) Organic Tars		Formic Acid, Tar, Thallium, Toluene, Vinyl Acetate, Chloric Acid, Nitric Acid, Phosphoric Acid, Sodium Hydroxide		
			k22) Copper and Lead Smelting Wastes		Liquid Cyanides, Lead Nitrates, Copper Nitrates, Copper Cyanide		
			k23) Jet and Rocket Fuel Storage and Use		Hydrazines		
			k24) Spill Fuel; Storage		Arsenic Trichloride		
			k25) Waste Erdite Sludges		Lead Salts; Mercury Salts		
			k26) Wastes from Use of the Cleaning Operation:		Tetraethyl Lead, Tetramethyl Lead Gasoline		
			k27) Off-Specification Liquids		Isoptrene		
			k28) Miscellaneous Petroleum Refining		Allyl Alcohol; Amyl Alcohol; Butanol; Ethanol; Isobutyl Alcohol; Isopropyl Alcohol; Methanol; Benzene; Butadiene; Carbon Tetrachloride		
			k29) Typical heavy metals are:		Selenium; Mercury; Barium; Vanadium; Chromium; Cobalt; Nickel; Copper; Zinc; Silver; Lead; Molybdenum		

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	TEAC TRY
2218 30	Waste Oil Refining		<p>HAZARDOUS COMPONENTS</p> <p>WASTE STREAM</p> <p>1) Reclaiming: Residues</p> <p>2) Off-spec: 1. op. prod.</p> <p>3) Tar Wastes and Other Wastes</p> <p>4) Pretreatment Sludge</p> <p>5) Control Waste</p>	<p>Lead Oxide, Lead, Zinc, Copper, Iron, Tetraethyl Lead, Chromium, Tin, Antimony, Arsenic, Polynuclear Aromatics, Chromium; Nitroaromatic Phenols, Aluminum</p> <p>I soprano</p> <p>Dichromate Tars, Toluene, Ethyl Benzene, Ethylene Dichloride, Ethylene Glycol, Ethylene Oxide, Formic Acid, Tar, Thallium, Vinyl Acetate, Chloric Acid, Nitric Acid, Phosphoric Acid, Sodium Hydroxide</p> <p>Sulfuric Acid, Sodium Hydroxide, Sodium Sulfite</p> <p>Sulfuric Acid, Antimony, Arsenic Compounds, Cadmium Compounds, Chromium Compounds, Cobalt Compounds, Iron Compounds, Lead Compounds, Mercury Compounds, Naphthalene Compounds, Zinc Compounds, Cresol, Oils, Barium Compounds</p> <p>Lead Oxide, Tetraethyl Lead, Cadmium, Tin, Antimony, Arsenic, Chromium</p>
2292	Watering oils and greases		<p>Reclaimer's residues</p> <p>Brake fluid, hydraulic cutting oils, blending and compounding from purchased material Lubricating greases and oils, not made in petroleum refineries Lubricating oils, re-refining Oils and greases, blending and compounding from purchased materials Rust arresting compounds, animal and vegetable oil base Transmission fluid, hydraulic</p>	<p>17,556</p>
2293	Products of Petroleum and Coal (not elsewhere classified)		<p>Calcined petroleum coke: made from purchased materials Coke, petroleum: not produced in petroleum refineries Fuel briquettes or bulks, made with petroleum binder</p> <p>Off-spec Pro. 10</p>	<p>No Info.</p> <p>Phenol</p>

SIC	MANUFACTURING GROUPS	PRODUCTS (Part(s))	HAZARDOUS WASTES	TEC PCT
(50) RUBBER			<p>HAZARDOUS COMPONENTS</p> <p>WASTE STREAM:</p> <ol style="list-style-type: none"> 1) Waste materials from devulcanization in the reprocessing of reclaim rubber 2) Process and solvent wastes in the manufacturing of hose and belting 3) Nitro Benzene from rubber industry wastes 	N.A.
31 LEATHER AND LEATHER PRODUCTS			<p>HAZARDOUS COMPONENTS</p> <p>WASTE STREAM:</p> <ol style="list-style-type: none"> a) Leather tanning and finishing: wastewater treatment sludge from chrome tannery, split tannery, bronhouse/tannhouse and Nathan/tanners (1) b) Leather tanning & finishing: wastewater treatment screenings from sheepskin tannery (1) c) Trimming and shavings from leather tanning and finishing chrome, split, bram/hanbuckle and refer/finishers (1) d) Trim and shavings from complete chrome trimmings e) Unfinished leather trimmings, buffing dust, finished leather trim, wastewater screenings from chrome tanneries f) Finishing residue from complete chrome trimmings g) Wastewater +refractory sludge from complete chrome tanneries h) Chrome finishings, unfinished leather trimming, buffing dust, wastewater screenings from sheepskin tanneries i) Buffing dust - from leather finishers j) Finishing residue from leather finishers 	17.565 17.565

SIC	MANUFACTURING GROUPS	PRODUCTS (Parameters)	WASTE STREAM	HAZARDOUS COMPONENTS	TEC TPY
21	HARZOLE WASTES				
22	STONE, CLAY, GLASS AND CONCRETE PRODUCTS				
321	Glass products made of purchased glass (mirror wastes)	Mirror glass products	Mirror production wastes Glass Etching wastes	Chromic Sulfate; Ferric Sulfate; Hydrofluoric Acid; Hydrochloric Acid; Alcohols; Silica	\$75
322	Primary Metal Industries, including: Nonferrous Metals Smelting Smelting and Refining (for more detail, see below)	See below (first 4-digit SIC numbers)	Metal Finishing wastes (a) Aluminum, Lead Zinc both with drag out (b) Brass Plating wastes (c) Chromium Plating wastes (d) Chrome; Iodine; Vat dyes (e) Cyanide & Zinc Plating wastes (f) Finishing effluents	1,022,879	

SIC	MANUFACTURING GROUPS	PRODUCTS (Parties)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS	TEAC TRY
331	BLAST FURNACES STEEL WORKS AND ROLLING AND FINISHING MILLS, including:			(g) Metal cleaning wastes (h) Plating processing wastes (i) Silver plating wastes (j) Zinc plating wastes (k) Gold plating wastes (l) Consolidated metal plant wastes (m) Stainless steel cleaning liquor (n) Brass mill wastes (o) Magnesium alloys, Hardened Steel Wastes	Boron Chloride; Sodium Fluorides Hydrofluoric Acid; Sulfuric Acid; Phenols; Sodium Cyanide; Sodium Fluoride; Ammonium Sulfuric Acid; Chromic Sulfate; Zinc Chloride; Hydrochloric Acid	685, 21
3312	blast furnaces (including coke ovens), steel works and rolling mills					573, 875
3313	Electrochemical products					
3315	Steel wire, drawing and sheet nails and spikes					
3316	Gold plated sheet steel, stainless and brass					
3317	Stainless pipes and tubes					
				and		

SIC	MANUFACTURING GROUPS	PRODUCTS (Parts)	HAZARDOUS WASTES	
			WASTE STREAM	HAZARDOUS CONTENTS
3312	Blast furnaces (including coke ovens), steel works and rolling mills, including:			
331210	Coke Ovens & Blast Furnaces			
3312110	Smelting Works Coke			
33121170	Direct reduction iron			
3312190	Blast Furnace Products			
33121910	Cast Iron			
33121920	Steel			
331219210	Iron Slag			
33121950	Sintered Iron			
331220	Raw Steel			
33122010	Open Hearth Steel			
33122070	Desulfurized European Steel			
3312220	Electric Furnace Steel			
3312240	Oxygen Steel (OOF)			
3312250	Direct Reduction Steel			
3312260	Welding Steel			
3312270	Special Steelmaking Processes			
3312280	All-Steel Steel			
3312290	Stainless Steel			
33122910	Cast Steel			
33122970	Continuous Cast Steel			
3312300	Intermediate Steel Products			
3312310	Specialty Products			
3312320	Steel Scrap			
3312330	Steel Bars			
3312340	Steel Beams			
3312350	Steel Plates			
3312360	Steel Structural & Piling			
3312400	Steel Rails, Nails & Track Acc.			
	TEAC 1977			

SIC MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	
		HAZARDOUS CONTENTS	TSC TXY
33-24 33-24-20 33-24-30 33-24-40	Hot Rolled Mill Products Flat Rolled Strip Gentleized Steel Products Tinred Steel Products	<p>furnaces, iron and steel: made in steel works and hot rolling mills</p> <p>Forgings, iron and steel: made in steel work or rolling mills</p> <p>Frogs, iron and steel: made in steel work or rolling mills</p> <p>Galvanized bars, pipes, plates, sheets, and strains: iron and steel In steel works, or rolling mills</p> <p>Gan forgings, iron and steel: made In steel works, or rolling mills</p> <p>Horns, galvanized iron and steel: made in steel works, or rolling mills</p> <p>Hoops, iron and steel: made in steel works, or hot rolling mills</p> <p>Hot rolled iron and steel products</p> <p>Ingots, steel</p> <p>Iron, big</p> <p>Iron sinter, made in steel mills</p> <p>Nut rods, iron and steel: made In steel works or rolling mills</p> <p>Pipes, iron and steel: made in steel works or rolling mills</p> <p>Plates, made in steel works or rolling mills</p> <p>Roll joints and fastenings, made in steel works or rolling mills</p> <p>Rolling crossings, iron and steel: made in steel works or rolling mills</p> <p>Rails, iron and steel</p> <p>Pails, rerolled or remade</p> <p>Rods, iron and steel: made In steel works or rolling mills</p> <p>Rounds, iron</p> <p>Sheet platings, plain: iron and steel - made in steel works or rolling mills</p> <p>Shouts, iron and steel: made in steel work or rolling mills</p> <p>Shell slugs, steel: made in steel works or rolling mills</p> <p>Skins, iron and steel</p> <p>Solgealization, made in blast furnaces</p> <p>Spikes and spikes rods, made in steel works or rolling mills</p> <p>Spun iron</p> <p>Stainless steel:</p>	

SIC	MANUFACTURING GROUPS	PRODUCTS (Particulars)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TAC TRY
33121a	Coking	Steel works producing bars, rods, plates, sheets, structures, shapes, etc.				
		Strips, galvanized iron and steel: made in sheet works or rolling mills				
		Strips, iron and steel: rods in steel works or hot rolling mills				
		Structural shapes, iron and steel: made from derived recovery coke ovens				
		Tar, derived from derived recovery coke ovens				
		Ternodes, iron and steel: long or short				
		Tie plates, iron and steel				
		Tin free steel				
		Tin plate				
		Tool steel				
		Tube rounds				
		Tubes, iron and steel: made in steel works or rolling mills				
		Tubing, seamless: steel				
		Well castings, iron and steel: made in sheet works or rolling mills				
		Wheels, car and locomotive:				
		Iron and steel - mills, wire products, iron and steel: made in sheet works or rolling mills				
		Wrought iron and tubing, made in sheet works or rolling mills				
		Coke (see also 3312 listing above)				
		Coking Dust and coke tar (T)				
		Concentrated pitch sludge (T)				
		Oil, residual (C)				
		Crusts: metallization waste (C)				
		Derived air pollution control scrubbers: liquids from coke ovens and blast furnaces (F016)				
		Iron (see also 3312 listing above)				
		Iron making: Ferromanganese blast furnace dust (T)				
		• Ferromanganese blast furnace dust (T)				
		• Ferromanganese blast furnace dust (T)				
		Iron making				
		33121b				

SIC	MANUFACTURING PROCESS	PRODUCTS (Items)	WASTES (Items)	HAZARDOUS WASTES	TEC TRY
33123	Steel finishing	Steel (See also 3312 listing above)	Steel Flats (Inj): alkaline cleaning wastes (C) : metal pickle sludge (C) : vinylidene-bearing wastes from electrolytic coating (T) : chromates and dichromates from chemical treatment (T)	Steel Slag	54,220
3313	Electrosmelting (al products (ferroalloys), including:	Additive alloys, except copper: not produced in blast furnaces Electrosmelting ferroalloy products, except aluminum, magnesium, and copper Ferrotitanium, not made in blast furnaces Ferrotitanium Ferrotungsten, not produced in blast furnaces Ferrophosphorus Ferrosilicon, not produced in blast furnaces Ferrotitanium Ferrotungsten Ferrovanadium High carbon ferrotitanium, not produced in blast furnaces Magnesium metal, not produced in blast furnaces Molybdenum silicon, not produced in blast furnaces Non-ferrous additive alloys, high percentage: except copper Steel, electrosmelting			
33130 11	Ferrochromium				
33130 13	Ferromanganese				
33130 15	Ferronickel				
33130 15	Ferrovandium				
33130 19	Ferroalloys, nec				
3313011	Ferrochrome		Ferrocromite emissions control: furnace boilerhouse dust, and E&G dust (T)		
3313014	Ferronickel		Ferronickel production: skull plant tailings (I)		
3313015	Steel wire drawing and steel nails and spikes	Beds, steel: wire or cut Cable, steel: insulated or armored Hazardous nails Nails, steel: wire or cut Spikes, steel: wire or cut Screws, steel: wire or cut Tacks, steel: wire or cut Wire, ferrous Wire products, ferrous: made in wire drawing plants Wire, steel: insulated or armored	Wire drawing: 54,220 Copper, Chromium	19,647	

SIC	MANUFACTURING GROUPS	PRODUCTS (Products)	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEC TRY
3316	Cold rolled sheet steel, strip and bars	Cold finished steel bars; not made in hot rolling mills Cold rolled steel strip, sheet, and bars; not made in hot rolling mills Corrugating iron and steel, cold rolled; not made in hot rolling mills Flat bright steel strip, cold rolled; not made in hot rolling mills Razor blade strip steel, cold rolled; not made in hot rolling mills Sheet steel, cold rolled; not made in hot rolling mills Wire, flat; cold rolled strip; not made in hot rolling mills	See general waste streams above	See components of general wastes streams above	\$,855
3317	Steel pipes and tubes, including: 33176 12 Steel Pipeline Pipe 33176 13 Steel Casing Pipe 33176 60 Stainless Steel Pipe & Tubing	Boiler tubes wrought: mfpn Conduit: welded, lock joint, and heavy riveted - mfpn Pipes, seamless steel: mfpn Pipes, wrought: welded, lock joint, and heavy riveted - mfpn Tubes, stainless steel: mfpn Tubing, mechanical and hydraulic sizes: cold drawn stainless steel - mfpn Hollow casting, wrought: welded, lock joint, and heavy riveted - mfpn Wrought pipe and tubes: welded, lock joint, and heavy riveted - mfpn	Tube manufacture resulting in manganese wastes	Potassium Permanganate, Copper Sulfate, Hydrochloric acid	\$,272
3331	NONFERROUS METAL INDUSTRIES	Boron mill wastes, arsenic trichloride from smelting industry, etc.	No info.		
33311	Primary smelting and refining of copper	Bars, refined: primary copper Blister copper Blocks, copper Copper Ingots & refinery bars, primary Copper smelting and refining, primary Flakes, copper Primary smelting and refining of copper Slags, copper: primary	Primary copper smelting and refining furnace dust, copper plant sludge, etc., copper dust, copper dust, copper product (magnesite) (MgO64%) resulting from thickening of bleaching liquor from primary copper product	Lead; Cadmium	
33312	Refined Copper				
33315	Copper Alloys				

SIC	MANUFACTURING GROUPS	PRODUCTS (Materials)	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TAC TPC
3332 Primary smelting and refining of lead, including:	Lead Primary Lead Refined Lead	Antiflotation bearing metals, lead-base; primary Pebble float, primary Lead pigs, blocks, ingots, and refinery sludge; primary Lead smelting and refining, primary Primary smelting and refining of lead Sludge, lead; primary	WASTE STREAM		
33321 Primary lead slinter Including:		Blocks, Zinc Ingots, Zinc Plates, Zinc Primary smelting and refining of zinc Slabs, Zinc; primary Spelter (zinc), primary Zinc dust, primary	Primary lead - acid plant blower and lime treatment sludge from lagoon dredging (T) Surface incineration: solids contained in and dredged from surface Incineration of primary lead slagging lead-litter (NA9254) (E205)	Lead; Cadmium	48
33322 Primary lead slinter Including:			Primary lead's note: just scrubbing sludge a) Zinc reverb and bauxite lime treatment: gypsum & talc (acid cooling tower and nozzle); cooling tower (T)		14,625
33331 00 Primary zinc Including:			b) Zinc production: coke furnaces residue and acid plant slurry (T)		
33334 00 Refined Zinc			c) Zinc process sludge (T)		
			d) Sludge from treatment of process wastewater: sulfuric acid plant blow- down from primary zinc production (NA9255) (E366);	Lead; Cadmium	
			e) Electricity flue ash slimes/sludges from bauxite-zinc production (NA9256) (E357)	Lead; Cadmium	
			f) Cadmium plant bath residue (iron oxide) from primary zinc production (NA9257) (E368)	Lead; Cadmium	
3334 Primary production of aluminum, including:		Aluminum Ingots and primary Production shapes, from bauxite Extrusion Ingots, aluminum; primary Pigs, aluminum	1) Aluminum anodizing; bath with drag-out 2) Waste water treatment sludge from the creation or revision coating of aluminum (T; E327)		170,190
33341 00 Primary Aluminum			3) Aluminum sulfate and sheeting wastes	Aluminum phosphates	
33344 00 Refined Aluminum			4) Aluminum primary smelting waste	Sodium Fluorides	
33345 00 Aluminum Alloys			5) General aluminum manufacturing	Tars; Fluorides; Acid Dust; Alumina; Sulfur	
			6) Scrub fluid waste from primary aluminum smelting (NA9258)	Cyanide (Toxicants)	

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	WASTE STREAM	HAZARDOUS COMPONENTS	TSC TP
3339	Primary smelting and refining of non-ferrous metals (not elsewhere classified), including:		Antimony refining, primary Beryllium refining, primary Bismuth refining, primary Cadmium refining, primary Chromium refining, primary Cobalt refining, primary Columbium refining, primary Germanium refining, primary Gold refining, primary Iridium refining, primary Irons, magnesium Iridium refining, primary Magnesium refining, primary Nickel refining, primary Non-ferrous refining, primary: except copper, lead, zinc and aluminum Non-ferrous smelting, primary: except copper, lead, zinc and aluminum Pigs, magnesium Platinum-group metals refining, primary Precious metal refining, primary Primary refining of non-ferrous metals: except copper, lead, zinc aluminum Primary smelting of non-ferrous metal: except copper, lead, zinc, aluminum Refining of non-ferrous metal, primary: except copper, lead, zinc, aluminum Phosphorus refining, primary Silicon refining, primary Silicon, optional silicon alloy Silicon, pure Silicon refining, primary (over 99% pure) Silver refining, primary Slags, regams (waste): primary Smelting of non-ferrous metal, primary: except copper, lead, zinc, aluminum Tantalum refining Tellurium refining, primary Tin base alloys, primary Tin refining, primary Titanium metal sponge and granules Zirconium metal, sponge and granules	See below	11, 145
33320	Non-ferrous Metals NEC				
33325 00	Precious Metals				
33325 10	Gold				
33325 20	Mercury				
33325 40	Other Platinum Group Metals				
33325 50	Silver				
33325 60	Precious Metal Alloys				
33326 00	Nickel, Non-ferrous Metals				
33326 10	Antimony				
33326 20	Beryllium				
33326 30	Cadmium				
33326 40	Columbium				
33326 45	Cross				
33326 50	Chromium				
33326 60	Cobalt				
33326 70	Cultritum				
33326 80	Germanium				
33327 10	Magnesium				
33327 20	Non-metals				
33327 30	Veterinary				
33327 40	Holy bismuth				
33327 50	Niobium				
33327 60	Tin				
33327 70	Titanium				
33327 80	Non-ferrous Metals NEC				

SIC	MANUFACTURING GROUPS	PRODUCTS (Products)	WASTE STREAM	HAZARDOUS COMPOUNDS	TSCA TPY
			HAZARDOUS WASTES		
33412	Secondary copper	Reprocessing and refining of non-ferrous metals Recovery of silver from used photographic film Secondary refining and smelting of non-ferrous metals Selenium refining; secondary Silver smelting and refining, secondary Soil (base metal), pig and imp: secondary Tin smelting and refining, secondary Zinc dust, reclaimed Zinc smelting and refining, secondary	Copper Lead	Secondary copper - pyrometallurgical, blast furnace slag (?) a) Secondary lead, sludges from secondary ZnD solution control, sett lead products; T. b) Secondary lead - white metal production furnace slag (?) c) Emission to fuel dust/sludge from secondary lead smelting (K328B), K059 d) Waste leaching solution from acid leaching of emulsion control dust/ sludge from secondary lead smelting (K323)	Chromium; Lead; Cadmium
33413	Secondary lead			Secondary aluminum slag plant residue. (?)	
33419	Secondary aluminum		Aluminum	Finishing effluents	234,269
34	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT, INCLUDING:			Copper Cyanide, Copper Sulfate, Ferrous Sulfate, Nickel Cyanide, Nickel Sulfate, Zinc Cyanide, Sodium Dichloride, Chronic Hydrochloride, Zinc Ferrocyanide, Calcium Fluoride	236 2,132 8,774 3,423 415 75,013
341	METAL CANS & SHIPPING CONTAINERS				
342	CAN STOCK AND BOSS & VARIOUS PACKAGING & RELATED EQUIPMENT				
343	PLATE, SHEET, STRIPS, RIBBONS				
344	STRUCTURAL CONSTRUCTION METALS				
345	STRUCTURE, CIVIL, & FASTENERS				
346	METAL BARRELS & SKIDSTEAKS				

SC	MANUFACTURING GROUPS	PRODUCTS (Permits)	HAZARDOUS WASTES	HAZARDOUS STREAM	HAZARDOUS COMPONENTS	TEAC TFY
347	METAL PLATING & COATING					
348	HOUSEHOLD ACCESSORIES					
349	EXTRATED METAL PRODUCTS, NEC					
3411	Metal cans, including:					
341110	Food Cans Except Aerosol					
341120	Soft Drink Cans					
341130	Aerosols & Related Prod.					
341150	Nonfood Aerosols					
3412	Metal shipping barrels, drums, kegs and pails					
3421	Cutlery					

S.C.	MANUFACTURING COUPS	PRODUCTS (Name(s))	WASTE STREAM	HAZARDOUS WASTES	
				TEAC	FIR
3423	Hand and edge tools (except machine tools and hand saws)	Knives: butchers'; hunting, pocket, table, etc. - except all metal and electric Pliers: pliers, hand Razors: safety, straight Safety razor blades Shears, hand: barbers' manicures, pedicure, tailors', and household Saws, metal cutting: hand Scissors, flanneles' Swords Tables: cutlery, except all metal Tailors' scissors	619 Heavy metal containing manufacturing sludges, cutting oils, etc.		

MANUFACTURING GROUPS	PRODUCTS (Preliminary)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEAC

SIC	MANUFACTURING GROUPS	PRODUCTS (PARENTS)	Hazardous wastes		TSCA TRY
			WASTE STREAM	Hazardous components	
3425	Hand saws and saw blades	Thinner's hand tools, except snips Tongs, oyster Tools and equipment for use with spotting pens Tools, hand; except power driven Tools and saws Trousers Vises, carpenter's Wrenches (hand tools)		221	
3429	Hardware (not elsewhere classified)	Chain from coil Saw blades, for hand or power snips Snips, hand; metalworking or woodworking	Heavy metal containing manufacturing sludges, cutting oils, etc.		1,161
		Adirons Anglo irons, hardware Animal traps, iron and steel: Rabbit wire Bel lows, hand Brackets, iron and steel Builders' hardware, including locks and lock sets Cabinet hardware, including locks and lock sets jar spoons, metal cocktail hardware Casters, industrial Chain fittings Chair glides Clamps, hand Clips, metal Cord fittings, hose Curb braces, iron; except wire Cuts, leg; iron Door bolts and catches Door locks and lock sets Dowd testers Firearm accident hardware Furniture hardware, including casters Hedgecots Hinges hardware Hose tubes Hinges Hose bits from ceramic or glass, portable; except from plastic Key blanks Keys Laptop jacks, tools			

SC	MANUFACTURING GROUPS	PRODUCTS (CONT'D.)	HAZARDOUS WASTES		TEAC TEN
			WASTE STREAM	HAZARDOUS COMPONENTS	
2451	Enameled iron and metal sanitary ware	<ul style="list-style-type: none"> Wagon hardware Luggage racks, car top Metal hardware Met. fasteners, spring end cold rolled steel, not made in rolling mills Motor vehicle hardware Nozzles, fire fighting Salt crackers and pictures, metal Organ hardware Pins, locks Parachute hardware Piano hardware Pulleys, metal: except power transmission multipoint Rope fittings Sanitary hardware Suitcase hardware, including locks Tackle blocks, metal Thrusters, wing prop Timber locks Trunk hardware, including locks Turnbuckles Utility carriers, car top Vacuum bottles and jugs Vehicle hardware: aircraft, automobile, railroads, etc. 	<ul style="list-style-type: none"> Heavy metals (total) including manufacturing sludges, cutting oils, etc. 	2,424	

S. No.	MISCELLANEOUS CROPS	PRODUCTS (Domestic)	HAZARDOUS WASTES	HAZARDOUS BY-PRODUCTS	THERMAL TREATMENT
2632	Plumbing fixtures fittings and trim (Brass, zinc)	Sanitary fixtures Brass, zinc: plumbing Bushings, drinking fountain Cocks, drain Drains, plasters*Faucets, metal Flush valves Interceptors, flurbers*Nozzles, lawn hose Nozzles, plasters*Plaster's brass goods Plumbing fixture fittings and trim (brass, zinc) Sanitary pipe fittings (brass gates) Shower rods Spirits, metal Sinklers, zinc Stonastics (zinc, brass) Water trees	Heavy metal containing manufacturing sludges, cutting oil, etc.	WASTE STEAM	E52
2633	Heating equipment, except electrical and warm air furnaces	Bathtub low-pressure heating: steam or hot water Boilers low-pressure heating: steam or hot water	Heavy metal containing manufacturing sludges, cutting oil, etc.	WASTE STEAM	E423
		Furnaces, domestic: steam or hot water Gas burners, domestic Gas heaters, room Gas infrared heating units Gas-oil burners, combination heaters, steam: except electric Heaters, swimming pool: oil or gas Heating apparatus, except electric or from air Incinerators, metal: domestic and commercial Kerosene space heaters Logs, firewood: gas Oil burners, domestic and Industrial Radiators, except electric	Rubber wastes, mineralized iron and asphaltic metal Resin boats, except electric		

SIC	MANUFACTURING GROUPS	PRODUCTS (ITEMS)	WASTE STREAM	HAZARDOUS WASTES	TSC/TY
341	Fabricated structural metal	Sailboats, coke and gas burning Solar heaters Space heaters, except electric Structures, residential: domestic and industrial Stoves, household: heating - except electric Units, heating, domestic: except electric Wall heaters, except electric			
342	Fabricated structural metal	Barge sections, prefabricated metal Bridge sections, highway: prefabricated Expansion joints, iron and steel (structural shapes) Floor jacks, etc. Floor coats, adjustable metal Gates, etc.: metal, die Highway bridge sections, prefabricated Joints, iron and steel: long span series Radio and television towers Ferry bridge sections, prefabricated Ship sections, prefabricated metal Steel plates, iron and steels - series Steel rail-road car parts (for transporting motor vehicles, etc.) Structural steel, fabricated Television towers Towers, transmission	Heavy metal containing manufacturing sludges, cutting oil, etc.	2,899	
347	Wood doors, sash, frames, molding and trim	Baseboards, floor: metal Components, aluminum Door frames and sash, metal Doors, leaves: all metal or metal frame Doors, metal and metal covered Floor doors, metal and metal covered Gauge doors, household: metal Heavy doors, direct metal covered Joints, all metal or metal frame	Heavy metal containing manufacturing sludges, cutting oil, etc.	2,023	

SIC	MANUFACTURING GROUPS	PRODUCTS (Products)		WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS	TEAC
		Waste Stream	Hazardous wastes				
342.3	Fab. heated plate work (hotter shops)	Louver windows, all metal or metal frame Holdings and trim, metal and metal contact; carpet automobile padding, doors & industrial buildings and structures, metal Storm doors, metal Screen, door and window; metal frame Shutters, door and window; metal and metal contact Screens, front, made/canned; metal visor & various mounted Storm doors and windows, metal Trim and molding, except automobile; metal and metal covered Weather strip, metal Window frames and sash, metal and metal covered					
342.3	Fab. heated plate work (hotter shops)	Abenders, m/s Accumulators (industrial pressure vessels); Acetylene cylinders Afterburner tanks Aftercoolers, steam jet Air protection, nonrotating; plate type Air receiver tanks, metal plate Airlocks Armoring hoses, nets, and covers Arcotic waste tanks Autoclaves, industrial Boilers Belts, leather Bins, pressure-treated metal plate Boiler shop products: industrial holders, stackstacks, and steel tanks Boilers: industrial, power, and residential Boots, garment: metal plate Bracing, metal plates Cans, for hot and Casting, boiler: metal plate Cleatings, scuff:	Heavy metal: manufacturing structures, cutting oil, etc.	1,525			

SIC	MANUFACTURING GROUPS	PRODUCTS (CONTINUED)	HAZARDOUS WASTES	HAZARDOUS CONSTITUENTS	TEC/TY
WASTE STREAM					
		<ul style="list-style-type: none"> Chutes, metal plates Condensers, thermal Containers, shipping: metal plates (barrels, etc.) - except missile containers Ducting tower: metal plates Organic tanks, for liquids and gases: metal plates Cylinders, metal plates Curves, metal plates Cyclones, industrial: metal plates Cylinders, pressure: metal plates Distressors, process: metal plates Ducting, metal plates Economizers (boilers) Evaporators (process vessels), metal plates Exchangers, heat: Industrial, scientific, and nuclear Farm storage tanks, metal plates Fermenters (process vessels), metal plates Flooding coarse, metal plates Flumes, metal plates Forts, industrial: for tunnels Fractionating columns, metal plates Fuel tanks, metal plates Furnace lining, refractories, metal plates Gas tanks, metal plates Gas transfer lines (flanged tubing) High vacuum ovens, metal plates Hoods, industrial: metal plates Hoods, oven: laminated plates Hoppers, metal plates Housing cabinets for radium, metal plates Hoods, cooking Hoppers, metal tanks, metal plates Intercollar shells, industrial: metal plates 			

SIC	MANUFACTURING GROUPS	PRODUCTS (Raw-Mats)	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS	TEC
			WASTE STREAM		
		Kettles (crosses vessels), metal Plates Knick-carts, free standing; metal Plates Utensils, metal; plate Liquor storage tanks, metal plates Storage tanks, for metal Mosaic tiles and components, metal plates Mirrors, for home metal Nuclear cargo structures, metal Nuclear shielding, metal plate Oil storage tanks, metal plate Pantographs, metal plate Patterning on heavy metal Plate shells, large; plates Plates, large sheeting, metal Plate - made by plate fabriators Plates, thick, fabricated; cutting punching, bending, and shaping products; crosses vessels), metal plates Pressure vessels, industrial; metal plate - made in boiler shops Processors and auxiliary equipment, nuclear; metal plate Reactor containment vessels, metal plate Reactors, nuclear; military and industrial Refracts, industrial Rocket engines Sealants, industrial processes: metal plates Septic tanks, metal plate Skid tanks, metal plate Smelting pots and refracts Smelters etc., boiler plate Space simulation chambers, metal plate Spacers, for liquids or gns: metal plates Stainless bars Stem jet nozzles Stem jet liner compounds Sterilizing chambers, metal plates			
		Kettles (crosses vessels), metal Plates Knick-carts, free standing; metal Plates Utensils, metal; plate Liquor storage tanks, metal plates Storage tanks, for metal Mosaic tiles and components, metal plates Mirrors, for home metal Nuclear cargo structures, metal Nuclear shielding, metal plate Oil storage tanks, metal plate Pantographs, metal plate Patterning on heavy metal Plate shells, large; plates Plates, large sheeting, metal Plate - made by plate fabriators Plates, thick, fabricated; cutting punching, bending, and shaping products; crosses vessels), metal plates Pressure vessels, industrial; metal plate - made in boiler shops Processors and auxiliary equipment, nuclear; metal plate Reactor containment vessels, metal plate Reactors, nuclear; military and industrial Refracts, industrial Rocket engines Sealants, industrial processes: metal plates Septic tanks, metal plate Skid tanks, metal plate Smelting pots and refracts Smelters etc., boiler plate Space simulation chambers, metal plate Spacers, for liquids or gns: metal plates Stainless bars Stem jet nozzles Stem jet liner compounds Sterilizing chambers, metal plates			

MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTE	
		WASTE STREAM	TYP
Flooring, sheet metal (grating)			
Gates, ornamental metal			
Greetings, metal: fabricated metal			
Ladders, dials			
Ladders, for permanent installation: metal			
Lamp nests			
Limits, flight strip steel			
Ornamental and architectural metal work			
Partitions and fixtures, ornamental metal			
Pipe bandisters, railings, grilles, etc.			
Pillars, light strip steel			
Piping, prefabricated metal			
Registers, heat air			
Scaffolds, metal (mobile or stationary)			
Stair railings, metal			
Staircases, prefabricated metal			
Steps, stairs: fabricated metal			
Trunks, prefabricated metal			
Buildings, prefabricated and portable: metal			
Carports, prefabricated: metal			
Docks, prefabricated: metal			
Dressing, prefabricated or portable: metal			
Farm buildings, prefabricated or portable: metal			
Garages, prefabricated or portable: metal			
Houses, prefabricated or portable: metal			
Panel for prefabricated metal buildings			
Portable buildings, prefabricated metal			
Prefabricated building: metal			
Rooms, prefabricated: metal			
Sections for prefabricated metal buildings			
Silos, metal			
Utility buildings, prefabricated or portable: metal			

MANUFACTURING GROUPS	PRODUCTS (Process)	HAZARDOUS WASTES		E&C TRY
		WASTE STREAM	HAZARDOUS CONTAMINANTS	
3450	Nisiere: metal work	Bars, concrete reinforcing: flat, tapered, stonel bars, forged Lumber, aircraft: metal Lath, expanded metal Plastering screeds, metal	Heavy metal manufacturing sludges, cutting oil, etc.	30
3451	Screw machine products	Screw machine products: produced on a job or order basis.	Heavy metal manufacturing sludges, cutting oil, etc. Zinc plating wastes	150
3452	Bolts, nuts, screws, rivets and washers	Bolts, Iron and steel Cotter pins Dowell pins, metal Gate hooks Lock washers Machine keys Nuts Rivets Screw eyes Screw hooks Screws Spring pins Spring washers Taper bolts Washers, metal Wood screws	Heavy metal manufacturing sludges, cutting oil, etc.	25
3452	Iron and steel forgings	Axles, forged: not made in rolling mills Axles, forged: not made in rolling mills Axle shafts, forged from end shaft: not made in rolling mills Axes, railroads: forged - not made in rolling mills Bearing seats, railroads: forged - not made in rolling mills Balls, bearings: forged - not made in rolling mills Chains, forged steel: not made in rolling mills Crankshafts, forged steel: not made in rolling mills Forgings, iron and steel: not made in rolling mills Gears, forged steel: not made in rolling mills Hammers, forged steel: not made in rolling mills	Heavy metal manufacturing sludges, cutting oil, etc.	25,500

S.C.	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	
			WASTE STREAM	HAZARDOUS COMPOUNDS
2453	Non-ferrous forgings	<p>Hypotheses, not made in rolling mills</p> <p>Locomotive wheels, forged:</p> <ul style="list-style-type: none"> not made in rolling mills Press, exchange, iron and steel: not made in rolling mills Ball-bearing shells, forged, forged, and other components: forged - metal <p>Switches, railroads: forged - not made in rolling mills</p> <p>Steel forgings, iron and steel:</p> <ul style="list-style-type: none"> not made in rolling mills wheels, car and locomotives: forged - not made in rolling mills 	5,77	Heavy metal containing manufacturing sludges, cutting oil, etc.
2455	Automotive stampings	<p>Aluminum forgings</p> <p>Non-ferrous forgings, not made in hot rolling mills</p> <p>Truck forgings, not made in hot rolling mills</p> <p>Automobile stampings: fenders, tops, hub caps, body parts: trim, etc.</p> <p>Body parts, in automobile, stamped helmets and trim, automobile:</p> <ul style="list-style-type: none"> Stamped 	24,529	Heavy metal containing manufacturing sludges, cutting oil, etc.
2456	Bottle caps and tops, stamped	<p>Bottle caps and tops, stamped metal:</p> <p>Crowns, jar: stamped metal</p> <p>Jar crowns and tops, stamped metal</p> <p>Tops, jar: stamped metal</p>	4,222	Heavy metal containing manufacturing sludges, cutting oil, etc.
2459	44-61 stamping (not elsewhere classified)	<p>Automotive parts, processed annealed</p> <p>Automotive panels and parts, processed annealed</p> <p>Auto parts, stamped and pressed metal</p> <p>Ash trays, stamped metal</p> <p>Automobile license tags, stamped metal</p> <p>Bottle crowns, stamped metal</p> <p>Crown for auto contractor cans and cases: stamped metal</p> <p>Cash and stamp boxes, stamped metal</p>	13,361	Heavy metal containing manufacturing sludges, cutting oil, etc.

SIC	MANUFACTURING GROUPS	PRODUCTS (CONTINUED)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEAC
		<p>Cassets, radio and television: stamped</p> <p>Caskets, processors: stamped or drawn</p> <p>Cooking wares, porcelain mounted</p> <p>Curtain walls for buildings, steel Electronic materials, stamped or drawn</p> <p>Enamel ware, porcelain:</p> <ul style="list-style-type: none"> oven broiler supplies Fins, metal, formed metal <p>Finger tips, aluminum metal</p> <p>Furniture components, porcelain enamored</p> <p>Gelatin cans, stamped and dressed metal</p> <p>Hearts, steel</p> <p>Household utensils, stamped and dressed metal; except cast</p> <p>Aluminum</p> <p>Ice cream dishes</p> <p>Linen parts, porcelain</p> <p>engraved</p> <p>Kitchen utensils, porcelain</p> <p>engraved</p> <p>Kitchen utensils, stamped and dressed metal; except cast</p> <p>Aluminum</p> <p>Lunch boxes, stamped metal</p> <p>Metallic parts, stamped and dressed metal</p> <p>Mail boxes, except collection</p> <p>boxes</p> <p>Pails, steel and dressed metal; except flamed and shiny</p> <p>Pans, stamped and dressed metal:</p> <ul style="list-style-type: none"> oxygen flame <p>Patrons on metal</p> <p>Perforated metal, stamped</p> <p>Perforating on light metal</p> <p>Porcelain mounted products:</p> <ul style="list-style-type: none"> except cutters, supplies Rigidizing metal Sealing metal, for the trade Spring metal, for the trade Steel brackets, porcelain stamped Steel belts, porcelain mounted Tin foil, porcelain mounted 				

SIC	MANUFACTURING GROUPS	PRODUCTS (Raw materials)	WASTE STREAM	HAZARDOUS ACTICS	HAZARDOUS COMPOUNTS
3711	Electroplating, plating, polishing, etching and coloring	<p>Tool boxes, stored metal</p> <p>Utensils: household, commercial, and hospital - certain cleaned</p> <p>Utensils: household, commercial, and hospital - retail, except cast aluminum</p> <p>Washing machine parts, porcelain enameled</p>			
3712	Aerolizing (lapping) of metals and formed products for the trade	<p>Aerolizing (lapping) of metals and formed products for the trade</p> <p>Chromating of metals and formed products, for the trade</p> <p>Chromating and finishing metal products, for the trade</p> <p>Covering and finishing of aluminum and formed products, for the trade</p> <p>Decorating and cleaning of miscible and soluble to parts for the trade</p> <p>Decorative plating and finishing of formed products, for the trade</p> <p>Deminishing - zasl, for the trade</p> <p>Electropolishing, for the trade</p> <p>Electroplating of metals and formed products, for the trade</p> <p>Finishing metal products and formed products, for the trade</p> <p>Gold plating, for the trade</p> <p>Plating of metals and forming products, for the trade</p> <p>Polishing of metals and formed products, for the trade</p> <p>Protective coating, for the trade</p> <p>Stamping of metal parts</p> <p>Tumbling, cleaning and polishing of ceramic parts, for the trade</p>	<p>How metal so taining manufacturing sludges, cutting oils, etc.</p> <p>a) Electroplating wastewater treatment sludges (1)</p> <p>b) Metal finishing wastes:</p> <ul style="list-style-type: none"> - brass, tin, iron, etc. - carbon, d. zinc wastes - chrome, steel, wastes - copper, chrome, staining wastes - electro-coat, zinc, etc. - electroplating wastes - organic, organic wastes - stainless steel, zinc - zinc chipping wastes <p>c) Electroplating wastewater: Metal rinse to remove concentrated process solutions</p> <p>d) Process wastewater and rust plating products in wastewater and municipal waste</p> <p>e) Explosives, solvents and numerous soils in cleaning operations</p> <p>f) Soil + rock + later from metal bath reprocessing</p> <p>g) Aluminum oxidizing with zinc cut</p> <p>h) Brass plating water</p>	<p>Zinc, Lead, Cadmium, Chromium, Zinc Chloride, Zinc Oxide, Zinc Nitrate, Zinc Sulfate, Zinc Carbonate</p> <p>Chromium, Aluminum Oxide, Sulfuric Acid</p> <p>Copper Oxide, Zinc Oxide, Zinc Phosphate, Zinc Chromate, Hydrogen Sulfide, Sodium Chloride, Sodium Carbonate</p>	

SC	MANUFACTURING GROUPS	PRODUCTS (Reagents)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TE/C T/C
			i) Chromic acid etching wastes	Cadmium; Chromium Oxide; Hydrogen Cyanide; Calcium Oxide; Sodium Cyanide		
			j) Chrome plating wastes	Chromite (Cr ₂ O ₃ ·Fe ₂ O ₃); Fe ₂ Cr ₂ O ₇ ·2Na ₂ CrO ₄ ·2H ₂ O; Chromium Acid; Sulfuric Acid		
			k) Oxygenate Crater plating wastes	Copper Oxide; Hydrogen Cyanide; Sodium Cyanide; Sodium Carbonate		
			l) Pyrophosphite Crater plating wastes	Copper Pyrophosphate; Sodium Pyrophosphate		
			m) Acid Copper etching wastes	Copper Sulfide; Sulfuric Acid		
			n) Silver plating wastes	Silver Chloride; Hydrogen Cyanide; Sodium Cyanide; Sodium Carbonate		
			o) Waste containing catalyst	Copper Chlorides; Organics (Diphonyl Ether)		
			p) Waste from laboratories and Plants using lead	Lead Carbonate; Lead Acetate; Lead Nitrate		
			q) Tin plating wastes	Stannic Chloride; Stannous Chloride; Hydrogen Fluoride; Sodium Stannate; Sodium Hypochlorite; Sodium Acetate		
			r) Phosphate Sludge	Phosphates; Iron, Zinc, Sodium, Nickel, Lead, Calcium, Manganese, Molybdenum		
			s) Nickel plating wastes	Nickel Chloride; Nickel Sulfate		
			t) Wastewater treatment sludges from electroplating operations except for the following processes:	Calcium, Chromium, Nickel; Cyanide (Complexed)		
			(1) aluminum anodizing of aluminum			
			(2) tin plating on carbon steel			
			(3) zinc plating on a segregated bath on carbon steel			
			(4) aluminum or aluminum-lead plating on carbon steel			
			(5) chrome plating and rifling of carbon			

(AFN-005) (4005)

SIC	MANUFACTURING GROUPS	PRODUCTS (Parameters)	HAZARDOUS WASTES	TEC
			HAZARDOUS WASTES	
			WASTE STREAM	
			HAZARDOUS COMPONENTS	
			2) Spent cyanide plating bath solutions from electroplating operations (except for previous metals plating baths) (F002) (cyanide (salts))	Cyanide (salts)
			3) Plating bath sludge from the bottom of plating baths from electroplating operations where cyanides are used in the process (except for previous metals plating baths) (cyanide (salts)) (F003)	Cyanide (salts)
			4) Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process (except for previous metals plating baths) (stripping and cleaning bath solutions) (F005) (F009)	Cyanide (salts)
			5) Cyanide salts taken from oil bath for metal heat treating operations where cyanides are used in the process (except for previous metals plating baths) (cyanide salts) (F010)	Cyanide (salts)
			6) Spent cyanide solutions from salt bath for cleaning aluminum heat treating operations (except for previous metals heat treating spent cyanide solutions) (F012) (F011)	Cyanide (salts)
			7) Dredging sludge from treatment sludges from metal heat treating operations where cyanides are used in the process (except for previous metals heat treating sludges) (cyanide treatment sludges) (F013) (F012)	Cyanide (complexed)
			8) Spent cyanide waste from treatment tailing acid solvent (from previous metals secondary operations) (F014)	Cyanide (Complexed)
			9) Spent cyanide bath solutions from mineral tailings recovery operations (F015) (cyanide (salts))	Cyanide (salts)

SIC	MANUFACTURING GROUPS	PRODUCTS (Beverages)	WASTES STREAM	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS	TEAC PPN
3679	Coating, engraving and allied services (not elsewhere classified)	Bonding of metal and metal products, for the trade Coating on metals for the trade, for purposes other than printing Coating and anodizing steel pipe Coating (not finishing) of metals and forming products, for the trade. Coating of metals with plastic and resins, for the trade Coating of metals with silicon, for the trade Coating, rust preventive Dipping (not in plastic solution) as a preservative, for the trade Enameling (including porcelain) of metal products, for the trade Engaging jewelry, silverware and metal for the trade; except plating Etching on metals for the trade, for purposes other than printing Galvanizing of iron and steel end and former products, for the trade Jewelry enameling, for the trade Lacquering of metal products, for the trade Metal plates: engraved, etched, etc. Painting (enameling and varnishing) of metal products for the trade Pewterizing Refining of zinc and tin Upholstering, not done in rolling mills Rust proofing (not dipping) of metals and formed products for the trade Shading/toning of metals and metal products, for the trade Varnishing of metal products, for the trade	Afflution and/or leaching with detergent Zinc plating wastes Metal finish or plating liquor Phosphates sludges from metal coating operations	Chromium, Sulfuric Acid Zinc Oxinate, Hydrogen Cyanide Sulfuric Acid, Hydrochloric Acid Nickel, Lead, Manganese	2,522	

SIC	MANUFACTURING GROUPS	PRODUCTS (Part(s))	HAZARDOUS WASTES	WASTE STREAM	HAZARDOUS COMPONENTS	TEAC TPY
382	Small arms ammunition	Ammunition and component parts, small arms: 30 mm and below bullet jackets and cores, 20 mm (or 1.18 inch) and below Cartridge cases for ammunition, 30 mm (or 1.18 inch) and below Cores, bullet: 30 mm (or 1.18 inch) and below Paper shells, 30 mm (or 1.18 inch) and below: empty, blank, and loaded Propulsion rods, for ammunition of 20 mm (or 1.18 inch) and below Shells, small arms: 30 mm and below - empty, blank, and loaded Shot, lead Shotgun ammunition: empty, blank, and loaded Wads ammunition: 30 mm (or 1.18 inch) and below	Plating wastes as listed under SIC 3471 - see above Explosives (see SIC 3822)			12
3823	Ammunition, except for small arms (not elsewhere classified)	Ammunition and component parts, over 30 mm (or 1.18 inch) Ammunition loading and assembling plants Arming and fusing devices for missiles Bag loading plants, ammunition Barrel making plants Bore loading and assembling plants Bore cluster chambers Ceramic and glass Detonators and bursting charges Components Duct cleaning and parts (refurbished) Detonators for ammunition over 30 mm (or over 1.18 inch) Detonators: mine burst, depth charge, and chemical Warfare projectiles Fin assemblies, mortar: over 30 mm (or over 1.18 inch)	Plating wastes as listed under SIC 3471 - see above Explosives (see SIC 3822)		200	

SIC	MANUFACTURING GROUPS	PRODUCTS (Remarks)	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	WASTE STREAM	TEC NY
		<p>Fin assemblies, torpedo and bomb</p> <p>Forgings, projectiles: machined - for ammunition over 30 mm</p> <p>Fins for ammunition over 30 mm (or over 1.18 inch)</p> <p>Fins: alro, tapered, bimetal, depth charge, and chemical warfare projectiles</p> <p>Grenades and parts</p> <p>Jet propulsion projectiles, missiles</p> <p>Loading and assorting boats, powder bags, and shells:</p> <p>over 30 mm</p> <p>Mines and parts (artillery)</p> <p>Missile warheads</p> <p>Mortar shells, over 30 mm (or over 1.18 inch)</p> <p>Packers for ammunition, over 30 mm (or over 1.18 inch)</p> <p>Plating in forgings, machined:</p> <p>for ammunition over 30 mm</p> <p>Projectiles, chemical warfare</p> <p>Rocket's (missiles)</p> <p>Shells, artillery: over 30 mm (or over 1.18 inch)</p> <p>Torpedoes and parts (ordnance)</p> <p>Tracer ignitors for ammunition over 30 mm (or over 1.18 inch)</p>			<p>Plating wastes as listed under SIC 3471 - See above</p> <p>See above</p>	(a)

SIC	MANUFACTURING GROUPS	PRODUCTS (Résumé)	WASTE STREAM	HAZARDOUS WASTES	TSC TW
364	Yelvers and piano fittings, except flutes and oboes	Small springs, except wire springs	Plating wastes as listed under SIC 3671 - See above	Plating wastes as listed under SIC 3671 - See above	23, 73
365	Boilers, pipes, screws, nuts and bolts	Ball or coil springs and drains Control valves, sheeting: for ships	See above	Boiler coil springs and drains Control valves, sheeting: for ships	23, 73
366	Control pipe: recent program and soil pipe	Coiled flat springs: Flat springs, sheet or strip stock	See above	Coiled flat springs: Flat springs, sheet or strip stock	23, 73
367	Elbows, flanges, except pressure and coil; etc.	Helical springs, hot wound: , or related equipment, etc. Hot wound springs, except wire coils	See above	Helical springs, hot wound: , or related equipment, etc. Hot wound springs, except wire coils	23, 73
368	Railroad coil spring springs	Lift springs: automobile location, and other vehicle	See above	Lift springs: automobile location, and other vehicle	23, 73
369	Tension bar springs	Spring springs, except wire springs	See above	Spring springs, except wire springs	23, 73
370	Valves and pipe fittings, except flutes and oboes	Wire springs	See above	Wire springs	23, 73

SIC	MANUFACTURING GROUPS	PRODUCTS (continued)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS CHEMICALS
20		Electro-hydraulic servo valves, metal Expansion joints for piping systems, metal Flanges and flange unions, metal Gas valves and controls, metal Line strainers, low loss in piping systems Plug systems, inverted plunbers, brass goods; metal Pipe barriers Pipe joints, expansion joints: for insulation, heating Pressure regulators, metal Process control registers Valves Range valves, metal Positive pressure, CHP Precision valves (from fittings) Regulators, strain fittings Shut-off valves Spherical valves Strain fittings and spherical fittings, metal cylinders, brass goods, from fittings Steam traps Thermoelectric steam traps Thermostatic traps, heating Valves, air valve traps: metal Valves and pipe fittings, metal Valves, automatic control Valves, hydraulic and pneumatic control Valves, line: CHP water, oil, and machinery - inverted plunbers, brass Valves, metal: metal Water valves, control Surface brass goods and fittings Wash partitions, vinyl Brass Yarns, spun cotton, glass			

SIC	MANUFACTURING GROUPS	PRODUCTS (PARTS)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPOUNDS
3495	Wire springs	Clock springs, precision: made from purchased wire from purchased wire Furniture springs, unstretched: made from purchased wire from purchased wire Gun springs, precision: made from purchased wire from purchased wire Instrument springs, precision: made from purchased wire Mechanical springs, precision: made from purchased wire Sash bar connecting springs Spring units, for seats, made from purchased wire Springs, mechanical oscillate Tension springs, made from purchased wire Hydraulic springs, unstretchable, made from purchased wire	Plating waste is listed under SIC 3471 - See above	2,051	
3496	Niscon: Inbound fabricated wire products	Antislipoline and tarando nats., made from purchased wire Patched wire, made from purchased wire	Plating wastes as 11-1cd under SIC 3471 - See above	19,077	
		Rivets, made from purchased wire Belts, conveyor: made from purchased wire Belts, drying: made from purchased wire Bird cages, made from purchased wire Bolt covers, made from purchased wire Cables, insulated wire: made from purchased wire Carts, metal: made from purchased wire Carts, heavy: made from purchased wire Chain, wire: made from purchased wire Chain wire: made from purchased wire Clips and fasteners, made from purchased wire Clock, wrist: made from purchased wire Concrete reinforcing mesh, made from purchased wire			

ITEM	MANUFACTURING SCRAPS	PRODUCTS (Rebar's)	WASTE STREAM	HAZARDOUS WASTES	
				HAZARDOUS COMPONENTS	TEAC BY
				Cylinder wire cloth, made from purchased wire Delivery cones, made from purchased wire Diamond cloth, made from purchased wire Door mats, made from purchased wire Foil tape, woven wire: made from purchased wire Furniture stand wire Fencing, made from purchased wire Florists' displays, made from purchased wire Four-drill wire cloth, made from purchased wire Gears, frames: made from purchased wire Grilles and Grillwork, woven wire: made from purchased wire Guard, made from purchased wire Hangers, garments: made from purchased wire Hardcore cloth, woven wire: made from purchased wire Hog rings, made from purchased wire Insect screening, woven wire: made from purchased wire Key rings, made from purchased wire Keys, can: made from purchased wire Kitchen wire screens, made from purchased wire Lens frames, wire: made from purchased wire Lath, woven wire: made from purchased wire Nets and netting, made from purchased wire Nails, made from purchased wire Nylon, woven wire: made from purchased wire Paper clips and fasteners, made from purchased wire	

SIC

MANUFACTURING GROUPS

HAZARDOUS WASTES

WASTE STREAM

PRODUCTS (continued)

HAZARDOUS WASTES

WASTE STREAM

TEC

Paper mesh from cloth.
nets from purchased wire
partitions and grillwork,
nets from purchased wire
Post screen wire material:
net: 14 ga
Poultry mesh, made from
purchased wire
Poultry netting, made from
purchased wire
Pots, made from wire:
from purchased wire
Rope insulation wire: made
from purchased wire
Screening, wire: made
made from purchased wire
Sieves, made from purchased
wire
Skid chains, made from
purchased wire
String, lifting tape from
purchased wire
Spiral cloth, made from
purchased wire
Stainless wire, made from
purchased wire
Steel, unlacquered wire:
made from purchased
wire
Ties, baling: made from
purchased wire
Traps, animal and fish:
made from purchased wire
Trays, made from purchased
wire
Wire and wire products: infant
seats, fastened wire, and
nails and bolts:
Wire, ornamental:
made from purchased wire
Wire windings of purchased
wire
Woven wire products, made
from purchased wire

Upholster foil, made from:
recycled fabric
Foil containers for bakery
goods: 14 ga or 16 ga,
second hand 26 ga foils
Foil, second hand: made
from recycled wire

3527 wire foil and leaf

Picturing waste is as follows under SIC 3571 -
see above

3528

SIC	MANUFACTURING GROUPS	PRODUCTS (Parties)	WASTE STREAM	HAZARDOUS WASTES	TEAC
3231	Fabricated pipe and fabricated pipe fittings	Foil, laminated to paper or other material			
		Gold beatings (manufacturing of gold leaf and foil); Gold foil and leaf, not made in rolling mills; Lead foil, not made in rolling mills; Unit: gold, silver, and other metals			
		Magnesium and magnesium base alloy foil, not made in rolling mills; Nickel foil, not made in rolling mills; Platinum and platinum base alloy foil; Silver foil and leaf; Tin foil, not made in rolling mills; Zinc foil, not made in rolling mills			
3232	Fabricated pipe and fabricated pipe fittings	Bands, also: generated from purchased pipe	Plating wastes as listed under SIC 3471 - See above	5,759	
		Couplings, flanges, fabricated from purchased pipe; Manifolds, pipes, fabricated from purchased pipe; Nipples, plain; except pressure and seal pipe; Pipe and fittings, fabricated from purchased pipe; Pipe hardware, not fabricated from purchased pipe; Piping systems for pulp, paper, and chemical industries; Seals, pipes, fabricated from purchased pipe	See above		
3233	Fabricated pipe and fabricated pipe fittings				Trip certification, contract bonding and shipping;

SIC	MANUFACTURING GROUPS	PRODUCTS (Parts)	HAZARDOUS WASTES	WASTE STREAM	Hazardous Components	TWC
3339	Fabricated metal products (not elsewhere classified)	Aerosol valves, metal Automotive bumpers, metal Automotive accessories, metal Automobile front frames, metal Cigar chests, metal Barrel staves, metal Door seals, metal Doors for washing and stripping tanks Drum seals Chair frames, metal Chests, fire or burglary protection, metal Car Washable auto parts Viscose products Doors, safe and vault: iron and steel Drain plugs, magnetic D-III stands Ferrules, non-tinned Fasteners, metal (except drafting) Friction material, metal from powertrain units Furniture parts, chrome Hoses, seals: other than wire Humidifiers, household humidifier Iron dress frontiers, house-hold: metal Ironing boards, metal Leather strengthener: organic Latches, metal: detachable Latches, etc. and vault: iron and steel Locks, safe and vault Machine tools, metal Magnets, permanent: metallic Marine horns, compressed air or steam Metal chairs, metal Nails and staples, metal: advertising pins Plugs, metal: magnetic Pins, ribbons, metal Safe deposit boxes and checks, iron and steel Scales, iron and steel Shirts, metal Steel brackets, metal		• Painting wastes as listed under SIC 3471. • See above		2,655

SIC	MANUFACTURING, CROPS	PRODUCTS (Products)	HAZARDOUS WASTES	WASTE STREAM	HAZARDOUS CONVENTIONS	TEAC TOP
35	SPECIAL MACHINERY MANUFACTURING, EXCEPT ELECTRICAL	Steelizing bars (cargo), metal, steel, brass, bronze, tinplate, aluminum and aluminum alloys, uranium, thorium and thorium oxide, metal silver, nickel, silver plater, and plated vault doors and fittings, iron and steel, vaults, metal grave vaults, iron and steel, blinds, window, door, shutter, lawn mower, etc., disc type, standard pistol,				2,494
355	SPECIAL MACHINERY MANUFACTURING, INCLUDING:		See below		Oil, Heavy Metals (Corrosive, Lead)	475
3552	Torch machinery		1) Spent coal ints. & cutting oils from matching shop operations, e.g., matching, tool and die, stamping, blanking and forming, plates and structures of ferrous, and nonferrous metals			
3553	Woodworking machinery		2) Sawdust and grain logs from machine shop operations			
3554	Paper industries machinery		3) Spent Cutting Solvents from machine shop operations			
3555	Printers' trades machinery and equipment		4) Metal Rinsing Solnts. from metal tank operations			
3559	Special industry machinery nec.		5) Draining with solutions from cooling towers			
			6) Wastes from cleaning operations		Acids and Alkalines	
			7) Surface preparation and cleaning wastes from electroplating processes		Acids and Alkalines, Solvents	
			8) Plating tank waste, from electroplating operations		Heavy Metals	
			9) Paints, Solvents, Sludges, Cleaners and residue from coating operations, o.s., welding and cleaning		Heavy Metals, Solvents	

SIC	MANUFACTURING GROUPS	PRODUCTS (SICs)	HAZARDOUS WASTE	HAZARDOUS COMPOUNDS	TEC
101	Plating and Electroplating Plants	(3555)	Copper; Nickel, Lead; Sodium Hydroxide, Zinc, Chromium, Organic solvents		
111	Manufacturing of Metal Products	(3555)	Selenium, Sodium Hydroxide, Arsenic, Arsenic Tri-sulfide		
121	Consumer Manufacturing Plants	(3559)	Sodium Cyanide, Sodium Fluoride, Nickel, Zinc, from Ammonium Fluoride, Hydrofluoric Acid, Cadmium, Chromium, Thallium		
131	General Arts & Manufactury Plants	(3555)	Ammonium Chromate		
141	Waste Hydraulic Fluids, Lubricating Oils, Lubricating Oils, Coolants, and Cleaning Oils		Straight and Branched Chain Aliphatic Hydrocarbons; Aromatic; and Polyaromatic Hydrocarbons; Ions; Iodine; Alkyl Iodides; Acids, Amine Phosphates; Zinc Dithiophosphates, Silicones, Zinc Acetate, Barium Sulfonate, Barteroids, Sulfur, Chelated Fats, Sulfochlorinated fats, Alcohols; Esters, Aldehydes, Sodium Carboxylate, Polycarboxylates, Branx, Ethoxydye Esters, Sodium Nitroso, Sodium Nitrate, Ammonium Tri-nitrophenate, Trisodium		
151	Waste Oils and Metal Components from Structural Steel Finishing Operations		Iron, Carbon Steel, Stainless Steels, Bronze, Brass, Aluminum, Chromium, Copper, Nickel, Zinc, Cadmium, Tin, Gold, Silver, Rhodium, Nickel, Sulfate, Chrome Chloride, Cupric Oxide, Cupric Ammonium Hydrates; Chromium Ions		
161	Waste Oils and Alkalies from Electroplating, Pickling and Cleaning Operations		Hydrochloric Acid, Hydrofluoric Acid, Sodium Cyanide, Nitric Acid, Citric Acid; Tartaric Acid; Acetic Acid; Oxalic Acid; Stannic Acid, Ammonium Resulfate; Sodium Acid Sulfate; Bifluoride Salts; Sodium Hydroxide, Sodium Carbamate; Tetrasodium Borate; Sodium Triethylenephosphate; Tetrasodium Resinate; Alkyl Aryl Sodium Saltformers, Alky! Aryl Polyether Alkalies; Non Ions High in Ethylene Oxide, Phosphoric Acid, Sodium Acid Pyrophosphate, Sodium Bisulfite, Sulfuric Acid, Sodium Nitrate, Nickel Nitrate, Antimony Trioxide, Chromic Acid, Potassium Hydroxide; Trisodium Phosphate; Sulfuric Acid; Hydrochloric Acid; Nitric Acid; Hydrofluoric Acid; Trivalent Metals, Cerium; Lead, Mercury		
171	Waste Solvents from Metal Cleaning Operations		Kerosene, Mineral Spirits, Standard Solvents, Isopropanol, Ethyl Chloride, Trichloroethylene, Ethanol, Isopropanol, Acetone, Acrylic, Toluene, Benzene, Petroleum Solvent, Glycols, Glyco: Ethers, aromatic Solvents, Perchloroethane		

SIC	MANUFACTURING GOPS	PRODUCTS (ARTICLES)	WASTES	HAZARDOUS WASTES	WASTE STREAM	HAZARDOUS CONTENTS	TSCA TPY
3555 Printing trades machinery	Advertising and newspaper nets Blocking wood for engraving Blocks, monuments, wood Backgrounds, "background" Printing and similar machines, for the printing trade Chairs and gratings, printers' Coy holes, "holes" Electrotyping machines Engraving machinery and equipment (printing trades machinery) Envelope printing presses Etching machines (printing trade, except iv) Foundry type, for printing Gelatin rollers, used in printing Gravure presses Intertype machines Lenses, printers' Linotype machines Lithographic stones Mallets, printers' Nets, advertising and newspaper (background) Microtype machines Offset plates Pre-cutting and sawing machines (printers', metallic) Revolving, "rotating" planes, printers' Plates, metal: engravers' Printers, printing Printers' machines and equipment Printers' plates, of all materials Rollers, printers' Fujes, printers' Slugs, printers' Screenprinting machines Sticks, printers' Two axis, printers' Type casting, engraving, and printing machines Trays: lead, zinc, brass, copper, etc., etc. Typewriting machine: inter- space, typewriting, typewriter, etc. Typographic printing machines	a) Duplicating equipment manufacturing wastes Sodium hydroxide; Arsenic; Arsenic Trisodium phosphate Ammonium chromate	475				

SIC WIRING CLOTHS	PRODUCTS (Products)	Hazardous wastes	Waste streams	Hazardous ingredients		Type
				2009	2010	
3523 Electric circuiting equipment	Accounting machines using mechanical principles; calculators; adding machines; auxiliary storage units; calculating machines; electronic calculating machines; mechanical calculating machines; magnetic drums; card punches; sorters; and tabulating machines; central processing units for electronic cutting systems; computing machines; electronic computers; digital and analog; event instrumentation type; data recording and correcting systems; electronic digital; disk and drum drives; and analyzers; magnetic film reader and data storage photoelectricity; dividers; gun data computers; key punches; keys to tape and key to disk drives; magnetic ink readers; sorters; and inverters; data machine control panels; paper tape punches and readers; printers; listing strip (computer peripheral equipment); recorders; tape for data computers; scanners and readers; optical (lens driven); speech computers; storage units; computer tabulating machines; tape transport systems for electronic computers	2009 Sodium Sulfite, Sodium Ferrocyanide, Sodium Ferrocyanide, Nickel, Zinc, Furan, Acrylonitrile, Fluoride, Hydrofluoric Acid, Chromic Oxide, Thallium	2010			N.A.
3523 (Air conditioning and warm air equipment and commercial and industrial refrigeration equipment.)	Air conditioning and warm air heating equipment; aluminum, heavy metals, acid	Fluoride, Chromates, Aluminum, Heavy Metals, Acid				

SIC	MANUFACTURING GROUPS	PRODUCTS (Markets)	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEC TP
35	ELECTRONIC AND ELECTRONIC MACHINERY CATHODE RAY TUBES		HAZARDOUS WASTES		
367	ELECTRONIC CIRCUITS MANUFACTURIG • General Waste Stream	See below	1) Electronic Circuitry Manufacturing Wastes (S71) 2) Electronic Tube Production Wastes (S71, S72, S73) 3) Magnehil : See Production Wastes (3579)	Potassium Ferrocyanide; Sodium Hydroxide; Lead; Nickel; Chromium Oxide; Hydrochloric Acid, Sulfuric Acid, Hydrocyanic Acid, Carbon Tetrachloride, Chromate Geric Hydroxide, Calcium Phosphate, Nickel Hydroxide, Mercury, Barium Compounds; Hydrogen Fluoride Aromatic Dichromates; Dinitro and Organics; Chromic Oxide; Ethyl Benzene Dichloride Basic Acid Trichloroethylene; 1,1,1-Trichloroethane Per- chloroethers; From: Petty Iron Chloride; Mixed Solvents and Sludges; Heavy Metals (Lead); Zinc; Zinc; Chromium; Oils Acetone; Isopropyl Alcohol; Methanol; Methyl Ethyl Ketone; Phenoxethol; Xylene; Mixed Solvents and De- volatizers Methane; Acetone; Isopropyl Alcohol; Methyl Ethyl Ketone; (All contain heavy metals, oil(s)) Non-halogenated Solvents from clean- ing and forming (excluding) and coat- ing coke lenses Non-halogenated solvents from clean- ing and dyeing Wastewater treatment sludges from reactor, chemical /electrochemical and recycling reactions Oils from machining, forming, and plastic transforming operations Paint wastes from painting opera- tions Plastic Wastes	2,059
3671	Radio and television receiving type electronic tubes (except cathode ray)	Radio and television receiving electronic tubes (except cathode ray)	Electronic circuitry manufacturing wastes Electronic tube production wastes	See above	185
3672	Cathode ray television picture tubes	Cathode ray television receivers (except tubes) Picture tube reprocessing ray	See above	See above	6

SIC	MANUFACTURING (PRODUCTS)	PRODUCTS (PRODUCTS)	HAZARDOUS WASTES	
			HAZARDOUS COMPONENTS	TEC
3533	Transmitting, Industrial and Special purpose electron tubes	Cathode ray tubes, direct-view vision receiving tubes Electron beam (radio) tubes Generator tubes, transmission industrial, and specialized purposes Gas and vapor tubes Scientific vacuum tubes Industrial electron tubes Klystron tubes Light emitting and emitting tubes Magnetrons Transmitting electron tubes Travelling wave tubes Tubes for operating above the X-ray spectrum (with shorter wavelength) Vacuum condensers, relays, and switches	See above	3573
3534	Semiconductors and related devices	Computer logic modules, solid state Diodes, solid state (germanium, silicon, etc.) Electronic devices, solid state Fuel cells, solid state Gum effect devices Hot effect devices Hybrid integrated circuits Infrared sensors, solid state Light emitting diodes Light sensitive devices, solid state Magnetic bubble memory diodes Magnetohydrodynamic (MHD) diodes Monolithic, solid state Metal oxide silicon (MOS) devices Microcircuits, integrated (semiconductor) Modules, solid state Relay-like switches, solid state Resistive integrated circuits (solid state)	See above general waste stream (under 3571)	3574

MANUFACTURING GROUPS	PRODUCTS (continued)	HAZARDOUS WASTES	
		PASTE STREAM	HAZARDOUS COMPOUNDS
350			TEPC TPY
351	Nuclear detectors, solid state Photodiodes, Photovoltaic cells, solid state (electronic eye) Photovoltaic devices, solid state Rectifiers, solid state Semiconductor circuit networks (solid state) Integrated circuits Semiconductors (transistors, diodes, etc.) Solar cells Solid state electronic devices Strain gauges, solid state Structures or forms for semiconductor devices Switches, silicon control Thermistic devices, solid state Thermoelectric devices, solid state Thin film circuits Transistors Tunnel diodes Ultrajunction sensors, solid state Variable capacitance diodes Zener diodes		
352	Connectors, electronic: fixed and variable Components, for electronic and products	See above general waste stream (under 357)	See above hazardous components (under 357)
353	Resistors, for electronic and products Thermistors, except temperature sensor; Varistors	See above general waste stream (under 357)	See above hazardous components (under 357)
354	Relays, electronic	See above general waste stream (under 357)	See above hazardous components
355	Resistors for electronic applications		
356	Inductors	See above general waste stream	
357	Electronic coils, transformers and other Inductors		

SIC	MANUFACTURING GROUPS	PRODUCTS (Cont'd.)	HAZARDOUS WASTES	WASTE STREAM	HAZARDOUS CONTAMINANTS	TEAC TP
372	Connectors for electronic applications	Connectors for electronic applications	See above general wastes	See above general wastes	See also above general wastes	15
373	Electronic components (not elsewhere classified)	Automobiles, non-vinyl; automobile, home, portables Attenuators Circuit boards, television - printed Components, electronic Constant impedance transformers Cores, magnetic Cyanide drilling solutions (cyanides, etc.) for hard and soft metals Crystals and crystal assemblies, radio Delay lines Electronic circuits, except semiconductor or solid state Electronic tube parts, except glass blanks Ferrite electronic parts Horned resistivities, for electronic wire and cable Humidifiers, mist Humic acids, for electronic equipment Infrared conversion units, high frequency Lenses, electronic Magnetic recording tape Microchip components Orbitators, small laboratory type Parametric amplifiers Passive resistors Photograph prints, cartridges Prongraph needles Plastic electric crystals Power supplies, static: regulated, unregulated, variable frequency Printed circuits Pulse forming networks Quartz crystals, for electronic oscillation	Organic - in combustion wastes See also above general wastes	Organic - in combustion wastes See also above general wastes	See also above general wastes	1,171

SIC MANUFACTURING GROUPS	PRODUCTS (Form No.)	Hazardous Wastes	
		WASTE STREAM	Hazardous Components
3511	Recording and playback heads, Telepic Recording heads, for speech and musical equipment Revolvers, electronic; except solid state Relays, for electronic use Ferromagnetic, bismuth, chromic Resistors, for electronic and conductive Semiconductronic tubes Semiconductors for electronic applications Stop positions for trans- mitting and control Stylus, phonograph record Cutting Switches, electronic applications Switches, stamping Tape, magnetic recording, including non-film tape Thick film circuits Transistors, electronic Tube relays, electronic Turn spacers, etc. Tube transformer assemblies Used in flying electronic targets Video relays, except remote control TV dividers Voice controls Wire guides and fittings	TEAC 777	
3512	Alkaline cell storage batteries Lead acid batteries (storage batteries) Storage batteries	Stereo batteries, including: 1) Rechargeable SLI Type 2) Lead Acid Batteries (SLI)	
3513	Storage batteries, SLI type for vehicle batteries, including tractor, aircraft, and ignition types, complete units; Automobile, truck, farm tractor, and etc.; Automotive types (all types similarly constructed to fit passenger cars, aircrafts or locomotives);	2) Rechargeable SLI Type 3) Rechargeable SLI Type from production of Nickel-Cadmium Batteries (SLI); Cadmium, Nickel	
3514		Suspended Lead, Lead Sulfate, Lead Hydroxide Gel- clay Sludge Containing Cad- mium Hydroxide, Nickel Hydroxide	

SIC	MANUFACTURING GROUPS	PRODUCTS (Item No.)	HAZARDOUS WASTES	
			TEC	TY
3611 13	For original equipment, 6 volt and 12 volt.			HAZARDOUS WASTES
	For replacement:			HAZARDOUS COMPOUNDS
	Cells:			
3611 21	5 volt		4) Wastewater effluent Treatment Sludge from the combustion of Cadmium Silver Cells, Batteries (SIC 127)	
3611 23	12 volt		5) Projected end Scum Cells from the combustion of Cadmium Silver Cells Batteries (SIC 127)	
	Dry charge:			
126911 27	6 volt		6) Projected end Scum Cells from the combustion of Cadmium Silver Cells (SIC 127)	
X111 28	12 volt			
	Volleyball transport, motor coach and bus, and diesel starting batteries (excluding marine and railroad diesel starting batteries):			
	For original equipment:			
3611 32	6 volt		7) Battery Manufacturing Waste (SIC 352)	
3611 35	12 volt			
	For replacement:			
3611 42	6 volt		8) Battery manufacturing waste sludge (SIC 1, 32)	
3611 45	12 volt			
	Aircraft		a) Lead acid storage battery production wastewater treatment sludges (T)	
	Marine		b) Lead acid storage battery production clean-up waters from cathode and anode pasting production (T)	
	Other starting, lighting, and ignition type batteries, including motor vehicle		c) Nickel Cadmium battery production wastewater treatment sludges (T)	
3611 51	Storage batteries, SLI type, n.s.k.		d) Cadmium cell for lead battery production wastewater - trees and sludge	
3611 51	Marine		e) Mercury cadmium battery production wastewater treatment sludges (T)	
3611 52	Other starting, lighting, and ignition type batteries, including motor vehicle			
3611 60	Storage batteries, SLI type, n.s.k.			
3611 62	Storage Batteries, Other Than SLI Type, including Parts for Storage Batteries, All Types			
	Motor vehicle parts:			
3611 62 11	Industrial truck type			
	Other motive power type storage batteries, including mining and industrial, locomotives, and railcars			
3611 62 19				
	Construction storage batteries, including radio station, telephone, fax, earth, and railroad signaling and railway diesel starting batteries			
3611 62 51				Nickel-cadmium:
				Storage:
3611 62 72				Batteries
3611 62 73				Cells
				Used:
3611 62 75				Batteries
3611 62 77				Cells

SIC	MANUFACTURING GROUPS	PRODUCTS (continued)	HAZARDOUS WASTES	
			WASTE STREAM	UNREPORTED WASTES
35212 51 35212 65	Lamp parts: Batteries Cells	Other storage batteries, including form and emergency lighting, and railway air conditioning and car lighting Parts and supplies for motor vehicles Storage batteries, other than Still type, including parts for storage batteries, all types, nos. Storage batteries for establishments with less than 10 employees, nos.		TEC Tin
35212 98	Other storage batteries, including form and emergency lighting, and railway air conditioning and car lighting			
35212 91	Parts and supplies for motor vehicles			
35212 00	Storage batteries, other than Still type, including parts for storage batteries, all types, nos. Storage batteries for establishments with less than 10 employees, nos.			
35215 00	Storage batteries for establishments with 10 or more, or none, employees, including for street lighting			
35210 02	Storage batteries for street lighting with less than 10 employees, nos.			
35212 99	Lead acid batteries	Lead acid batteries	See above a, b, and d)	
35217 77	Calcium tube batteries	Cadmium type batteries	See above a, b, and d)	
3522	Primary batteries, including: Dry cell batteries, single and multiple-cell	Batteries, primary and secondary: Batteries from the production of Zinc-Zinc Oxide Cells	Zn	
	Dry Cell (Leclanche type), General purpose (6 inches or equivalent) 1.5 volt Stainless Unit Nickel-Unit	(1) Production of Zinc-Zinc Oxide Cells		
	Flightlight cells (single cell only): D size (standard and industrial) C size (medium) All other single flashlight cell batteries, including AA and AAA sizes, flashlight and Hes-20 novelty	(2) Production of Zinc-Air Batteries from the production of Alkaline-Manganese		
35220 12		(3) Production and Sales Batteries from the production of Alkaline-Manganese		
35220 16		(4) Secondary Rechargeable Batteries from the production of Zinc-Nickel Cadmium		
35220 21		(5) Production and Sales Batteries from the production of Zinc-Nickel Cadmium		
35220 25		(6) Wastewater Effluent Treatment Sludge from the production of Manganese-Copper Oxides		
35220 28		(7) Rechargeable and Secondary Batteries from the production of Zinc-Silver Oxide		
35220 55	Portable radio and instrument batteries	Mercury, Mercuroous Sulfate, Cadmium, Cadmium Sulfate		
35220 51	Lantern and other multiple-cell batteries, including general purpose lanterns, fluorescent and other multiple-cell	Mercury, Mercury (Fascinating), Silver Oxide		

MANUFACTURING GROUPS	PRODUCTS (FCC ID)	WASTE STREAM	HAZARDOUS CONTENTS	TEC
3620 95	All other A-B and C cells, including from radio A-B packs, hearing aid cells and photo tech batteries.	(8) Rejected and Scrapped Batteries from the production of Lead Acid Reserve Batteries	Lnd. Nickel	124
3620 72	Dry Cell, Except Lithium Ion and Manganese Zinc Cells	(9) Waterbath Treatment from the production of Lead Acid Reserve Batteries	Lnd. Nickel	
3620 72	A1-cell	(10) Rejected and Scrapped Batteries from the production of its lithium Reserve Cells	Silver Cadmium (Reclaim), Copper Oxide	
3620 72	All other dry cells	(11) Magnesium carbon battery production chromic acid waterbath treatment Slurries, T.		
3620 92	Wet Cell, Primary Batteries	(12) Mercury & I battery wastes		
3620 92	Wet Cell, Military 12-V, Including general purpose 1.5 volt, 9-volt flashlight, and rechargeable radio types			
3620 95	Parts and supplies for primary batteries			
3620 90	All other batteries, dry and wet, n.s.k., for entertainment with more than 10 cells per pack			
3620 92	All other batteries, dry and wet, n.s.k., for entertainment with less than 10 cells per pack			
37	BALLOON & EQUIPMENT			1,151
3721	Aircraft, including:	Aircraft Airliners, fixed or rotary wing Airships Autogiros Balloons (aircrafts) Dirigibles Giders (aircrafts) Helicopters	Aircraft Airliners, fixed or rotary wing Airships Autogiros Balloons (aircrafts) Dirigibles Giders (aircrafts) Helicopters	414
3721 00	Civilian Aircraft			
3721 21	Military Aircraft			
3721 22	Fighters			
3721 23	Helicopters, Military			
3721 25	Vehicles, Military			
3721 25	Remotely Piloted Vehicles			
3721 26	Military Aircraft, N.C.			
3721 30	Commercial Aviation Aircraft			
3721 30	Commercial Turboprop Aircraft			
3721 30	Standard Jet			
3721 30	Subsonic Jets			
3721 30	Transusters, Commercial			
3721 30	Commercial Aircraft, N.C.			
3721 00	Aeronautical Services & R.D.			

MANUFACTURING GOOD	PERCENT (FORMS)	HAZARDOUS WASTES	TEC
572 Aircraft engines and engine parts	WASTE STREAM Hazardous wastes HAZARDOUS CONSTITUENTS Sodium Chromate, Sodium Cyanite, Sodium Hydroxide	Air seats, aircraft Aircraft engine starting vibrators Aircraft turbines and engine parts, internal combust- ion and jet aircraft Cooling systems, aircraft engine Engine starters, aircraft Engine mount bolts, aircraft Exhaust systems, aircraft External power units, for hand inertia starters, aircraft Jet assisted takeoff devices (JATO) Lubricating systems, aircraft Parts, aircraft engine vacuum motors, aircraft Starters, aircraft: non- electric Turbines, aircraft type Turbo-superchargers, aircraft	31a
573 Aircraft parts and auxiliary equipment (not elsewhere classified)	Aircraft Pitching Wires Aircraft parts Accumulators, aircraft propeller actors, aircraft: mechanical, electrical, and hydraulic Actuator assemblies, hydro- matic propeller Altitude, aircraft Aircraft bearings, except gears Aircraft arresting devices systems Aircraft assemblies, subassem- blies, and parts, except engines Aircraft body assemblies and parts Aircraft power transmission equipment Aircraft propeller parts Aircraft assemblies, except for guided missiles Aircraft brake mechanisms All driving assemblies (landing gear), aircraft Braking gear, aircraft Blades, aircraft: propeller: metal or wood Body parts, aircraft Cabin, aircraft	31a 31b	Sodium Chromate, Sodium Cyanite, Sodium Hydroxide

SIC	MANUFACTURING GROUPS	PRODUCTS (Materials)	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	WASTE STREAMS	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TSCA TPY
			Crafting dispensers, aircraft Controls: hydraulic and pneumatic, aircraft Countermeasures dispensers, aircraft Drilling equipment, aircraft Dive brakes, aircraft Dusting and spraying equipment, aircraft Dynamic balancing stands, aircraft Elevators, aircraft Engineage (tail) assemblies and parts, aircraft Fins, aircraft Flaps, aircraft wing Fluid power and control components, aircraft Fuel tanks, aircraft: including self-sealing Fuselage assemblies, aircraft Gears, power transmission, aircraft Governors, aircraft propeller feathering Hubs, aircraft propeller Hydraulic burst, valves, and cylinders, aircraft Instrument panel mockups: aircraft training units Landing gear, aircraft Landing skis and tracks, aircraft Link trainers (aircraft training mechanisms) Nacelles, aircraft Oleo struts, aircraft Oxygen systems, for aircraft Panel assemblies (hydrostatic pressure test stands), aircraft Pontoon, aircraft Power transmission equipment, aircraft Propeller striking tables Propellers, variable and fixed pitch, and parts - aircraft Pucks, propeller feathering Refueling equipment, airplane: for use in flight Rotor-blades for helicopters					

SC	MANUFACTURING GROUPS	PRODUCTS (products)	WASTE STREAM	HAZARDOUS WASTES	HAZARDOUS COMPONENTS	TEC TPR
		Rudders, aircraft Soft ejector devices, aircraft Spinners, aircraft propeller Stabilizers, aircraft Tanks, fuel; aircraft Target drones Targets, target type; aircraft Tow targets Training aids, aircraft; except electronic Transmission, aircraft Turret test fixtures, aircraft Turrets and turret drives, aircraft Wheels, aircraft Wing assemblies and parts. aircraft aircraft				

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