

SOUTH CAROLINA AIR TOXICS SURVEY FORM

NAME OF COMPANY/LOCATION _____

PROFILE/APPROVAL NUMBER _____

Please complete, sign, and return the original of this form using the following example as a guide. Analytical data must be attached for each constituent marked "yes."

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE (ppm or %)
Acetic Anhydride	n/a	yes	0-1%
Acetonitrile	K011, K013, K014, U003	yes	0-5%

CATEGORY I-LOW TOXICITY

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Acetic anhydride	n/a		
Acetonitrile	K011, K013, K014, U003		
<i>Ammonia (RMP LIST)</i>	n/a		
Ammonium chloride	n/a		
Antimony compounds	n/a		
Caprolactam, vapor	n/a		
Caprolactam, dust	n/a		
Chlorine	n/a		
2-Chloroacetophenone	n/a		
Cyanamide	n/a		
Cyanic acid	n/a		
Cyanide	F006 through F012, K005, K007, K011, K013, K014, K048, K049, K050, K051, K052, K060, K088, K104		
Cyanide compounds	P029, P030, P074, P098, P106		
Cyanoacetamide	n/a		
<i>Cyanogen (RMP LIST)</i>	n/a		
Ethanolamine	n/a		
Formamide	n/a		
Formic acid	K009, K010, U123		
Furfural	U125		
<i>Hydrochloric acid (RMP LIST)</i>	n/a		
<i>Hydrogen cyanide (Hydrocyanic acid)-RMP</i>	K011, K013		
<i>Isopropylamine (RMP LIST)</i>	n/a		
Methyl ethyl ketone	D035, F005, K086, U159		
Methyl methacrylate	U162		
Methylamine	n/a		
Methylene chloride	F001, F002, F024, K009, K010, K086, U080		

CATEGORY I (CONT.)

SC AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Methyl-t-butyl ether	n/a		
Naphthalene	F024, F034, K001, K019, K035, K048, K049, K051, K052, K060, K086, K087, U165		
<i>Nitric Acid (RMP LIST)</i>	n/a		
1-Nitropropane	n/a		
Phosphoric acid	n/a		
Propionaldehyde	n/a		
Styrene	n/a		
<i>Titanium Tetrachloride (RMP LIST)</i>	n/a		
Trichloroethylene	D040, F001, F002, F024, K018, K019, K020, K086, K095, K096, U228		
2,2,4-Trimethylpentane	n/a		

CATEGORY II-MODERATE TOXICITY

<i>Acetaldehyde (RMP LIST)</i>	U001		
Acrylamide	K011, K013, K014, U007		
Aldicarb	n/a		
Allyl chloride (3-Chloropropene)	F024		
Butanethiol	n/a		
Cresol	D023, D024, D025, D026, F004, K035, K052, U052		
Cumene	U055		
p-Dichlorobenzene	D027, F024, K019, K030, K085, K105, U072		
Diethanolamine	n/a		
N,N-Diethylaniline	n/a		
Diisodecyl phthalate	n/a		
m-Dinitrobenzene	K025		
4,6-Dinitro-o-cresol and salts	n/a		
Diocetyl phthalate	K086, U107		
<i>Ethanethiol (RMP LIST)</i>	n/a		
Ethyl benzene	F003, K048, K049, K051, K052, K086		
<i>Ethyl chloride (RMP LIST)</i>	n/a		
Ethylene dibromide	n/a		
Furfuryl alcohol	n/a		
Hexachlorocyclohexane (multiple isomers)	F024		
Hexamethylene-1,6-diisocyanate	n/a		

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Hydrogen sulfide (RMP LIST)	n/a		
Hydroquinone	n/a		
Isophorone	n/a		
Malathion	n/a		
Maleic Anhydride	K023, K093, U147		
Methylene biphenyl isocyanate	n/a		
Methyl isobutyl ketone	F003, K086, U161		
Methyl mercaptan (RMP LIST)	n/a		
Nitroglycerin	n/a		
Oxalic acid	n/a		
Pentachlorophenol	D037, F032, K001, U242		
Phenol	K001, K022, K035, K048, K049, K050 K051, K052, K060, K083, K087, K103 K104, K105, U188		
p-Phenylenediamine	K083, K103, K104		
Phenylhydrazine	n/a		
Phosgene (Carbonyl chloride)	n/a		NOT ACCEPTED
Phosphorus	n/a		
Picric acid	n/a		NOT ACCEPTED
Pyrethrum	n/a		
Rotenone	n/a		
Sodium hydroxide	n/a		
Sulfuric acid	n/a		
Tetrachloroethylene (Perchloroethylene)	D039, F001, F002, F024, K016, K019 K020, K028, K030, K095, K096, U210		
Toluene-1,3-diisocyanate (RMP LIST)	K027, U223		
Toluene-2,4-diisocyanate (RMP LIST)	n/a		
1,2,4-Trichlorobenzene	F024, K019, K030, K085, K096		
Urethane (Carbamic acid ethyl ester)	n/a		
Vinyl fluoride (RMP LIST)	n/a		
Xylene	F003, K001, K048, K049, K051, K052 K086, K087,U239		
m-Xylene	F003, K001, K048, K049, K051, K052 K086, K087,U239		
o-Xylene	F003, K001, K048, K049, K051, K052 K086, K087,U239		
p-Xylene	F003, K001, K048, K049, K051, K052 K086, K087,U239		

CATEGORY III-HIGH TOXICITY

SC AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Acetamide	n/a		
Acetophenone	K022, K086, U004		
2-Acetylaminofluorine	U005		
Acrolein	n/a		NOT ACCEPTED
Acrylic acid	U008		
Acrylonitrile (RMP LIST)	K011, K013, U009		
p-Aminodiphenyl	n/a		NOT ACCEPTED
Aniline	K083, K103, K104, U012		
o-Anisidine	n/a		
p-Anisidine	n/a		
Arsenic	D004, F032, F034, F035, K060, K084, K101, K102		
Arsenic compounds	n/a		
Arsenic pentoxide	n/a		
Asbestos	n/a		
Benzene	D018, F005, F024, F037, F038, K011, K013, K014, K048, K049, K051, K052, K060, K083, K085, K087, K103, K104, K105, U019		
Benzidine	U021		NOT ACCEPTED
Benzotrichloride	K015, U023		
Benzyl chloride	K015, K085, P028		
Beryllium	n/a		
Beryllium compounds	n/a		
Beryllium oxide	n/a		
Beryllium sulfate	n/a		
Biphenyl	n/a		
Bis-(chloromethyl) ether (Dichloromethyl ether)	K017		NOT ACCEPTED
Bis-(2-ethylhexyl) phthalate	F024, K048, K049, K051, K086		
Bromoform	U225		
1, 3-Butadiene (RMP LIST)	n/a		
n-Butylamine	n/a		
Cadmium	D006, F006, F007, F008, F009, F011, F012, K028, K061, K100, K101, K102		
Cadmium compounds	n/a		
Cadmium oxide	n/a		

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Cadmium sulfate	n/a		
Calcium cyanamide	n/a		
Captan	n/a		
Carbaryl	n/a		
<i>Carbon Disulfide (RMP LIST)</i>	F005, K049, P022		
Carbon tetrachloride	D019, F001, F024, K016, K019, K020, K021, U211		
Carbonyl sulfide	n/a		
Catechol	n/a		
Chloramben	n/a		
Chlordane	D020		
Chloroacetic acid	n/a		
Chlorobenzene	D021, F002, F024, K015, K019, K085, K105		
Chlorobenzylate	n/a		
<i>Chloroform (RMP LIST)</i>	D022, F024, K009, K010, K019, K020, K021, K029, U044		
<i>Chloromethyl methyl ether (RMP LIST)</i>	n/a		
p-Chloronitrobenzene	n/a		
Chloroprene (2-Chloro-1,3-butadiene)	F024		
Chromium (+6) compounds	n/a		
Cobalt compounds	n/a		
Coke oven emissions	n/a		
Cresols/Cresylic acid and mixtures	D023, D024, D025, D026, F004, K035, K052, U052		
m-Cresol	D024, D026, F004, K035, U052		
o-Cresol	D023, D026, F004, K035, K052, U052		
p-Cresol	D025, D026, F004, K035, K052, U052		
2, 4-D salts and esters	D016, U240		
DDE	n/a		
<i>Diazomethane</i>	n/a		NOT ACCEPTED
Dibenzofuran	n/a		
1, 2-Dibromo-3-chloropropane	n/a		
Dibutylphthalate	K048, K051, K086, U069		
3, 3-Dichlorobenzidine	U073		
1, 3-Dichloropropene	F024, U084		
Dichlorovos	n/a		

CATEGORY III (CONT.)

SOUTH CAROLINA AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE
Diethyl phthalate	K086, U088		
Diethyl sulfate	n/a		
3, 3-Dimethoxybenzidine	U091		
3, 3-Dimethyl Benzidine	U095		
Dimethyl carbamoyl chloride	U097		
Dimethylformamide	n/a		
1,1-Dimethyl hydrazine (RMP LIST)	U098		
1,2-Dimethyl hydrazine	U099		
Dimethyl phthalate	K086, U102		
Dimethyl sulfate	U103		
Dimethylaminoazobenzene	U093		
2,4-Dinitrophenol	K001, K103, K104		
2,4-Dinitrotoluene	D030, K025, U105		
Dioxane (1,4-diethylene oxide)	U108		
1,2-Diphenylhydrazine	U109		
Epichlorohydrin (RMP LIST)	K017		
1,2-Epoxybutane	n/a		
Ethyl acrylate	n/a		
Ethylene dichloride (1,2-dichloroethane)	D028, F024, K018, K019, K020, K028 K029, K030, K096, U077		
Ethylene glycol	n/a		
Ethylene oxide (RMP LIST)	U115		
Ethylene thiourea	U116		
Ethylenimine (RMP LIST)	n/a		
Ethylidene dichloride (1,1-dichloroethane)	F024, K018, K028, U076		
Formaldehyde (RMP LIST-MAX <1%)	K009, K010, U122		
Glycidaldehyde	U126		
Glycol ethers	n/a		
Heptachlor	D031		
Hexachlorobenzene	D032, F024, K016, K018, K030, K085 U127		
Hexachlorobutadiene	D033, F024, K016, K018, K028, K030 U128		
Hexachlorocyclopentadiene	F024, K016, U130		
Hexachloroethane	D034, F024, K016, K018, K019, K028, K030, K095, U131		

CATEGORY III (CONT.)

SOUTH CAROLINA AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Hexachloronaphthalene	n/a		
Hexamethylphosphoramide	n/a		
Hexane	n/a		
Hydrazine (RMP LIST)	U133		
Kepone	U142		
Ketene	n/a		NOT ACCEPTED
Lead arsenate	n/a		
Lead compounds	n/a		
Lead (+2) arsenate	n/a		
Lindane	D013, U129		
Manganese compounds	n/a		
Mercury	D009, K101, K102, U151		
Mercury compounds	n/a		
Methanol	F003, K086, U154		
Methoxychlor	D014, U247		
Methyl bromide	n/a		
Methyl chloride (Chloromethane) - (RMP)	F024, K009, K010, K018, U045		
Methyl chloroform (1,1,1-trichloroethane)	F001, F002, F024, K018, K019, K020 K028, K029, K086, K096, U226		
Methyl hydrazine (RMP LIST)	n/a		
Methyl iodide	U138		
Methyl isocyanate	P064		NOT ACCEPTED
4,4-Methylenebis-2-chloroaniline	U158		
4,4-Methylenedianiline	n/a		
Mineral fibers, fine	n/a		
Mineral oil mist (paraffinic)	n/a		
Mirex	n/a		
alpha-Naphthylamine	U167		NOT ACCEPTED
beta-Naphthylamine	U168		NOT ACCEPTED
Nickel	F006, F007, F008, F009, F011, F012 F024, K015, K022, K028, K048, K049, K050, K051, K052, K061, K062, K083		
Nickel Carbonyl	n/a		NOT ACCEPTED
Nickel compounds	n/a		
Nickel oxide	n/a		

CATEGORY III (CONT.)

SOUTH CAROLINA AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Nickel sulfate	n/a		
p-Nitroaniline	n/a		
Nitrobenzene	D036, F004, K083, K086, K103, K104, U169		
4-Nitrobiphenyl	n/a		NOT ACCEPTED
Nitrogen mustard	n/a		
p-Nitrophenol	U170		NOT ACCEPTED
2-Nitropropane	F005, U171		
Nitrosodimethylamine	n/a		NOT ACCEPTED
Nitrosomorpholine	n/a		
p-Nitrosophenol	n/a		NOT ACCEPTED
N-nitroso-N-methylurea	n/a		
p-Nitrotoluene	n/a		
Octachloronaphthalene	n/a		
n-Octadecanoic acid	n/a		
Paraquat	n/a		
Parathion	n/a		
Pentachloronitrobenzene	U185		
Phosphine	n/a		NOT ACCEPTED
Phthalic anhydride	K023, K024, K093, K094, U190		
Polychlorinated biphenyl compounds (PCBs) < 50 ppm	K085		
Polychlorinated biphenyl compounds (PCBs) ≥ 50 ppm	N/A		NOT ACCEPTED
Polycyclic organic matter	K001, K015, K019, K022, K035, K048, K049, K051, K052, K087		
1,3-Propane sultone	U193		
beta-Propiolactone	n/a		
Propoxur	n/a		
Propylene dichloride (1,2-dichloropropane)	F024, K017, U083		
1,2-Propylene oxide (RMP LIST)	n/a		
1,2-Propylenimine (RMP LIST)	n/a		
Pyrethrin I	n/a		
Pyrethrin II	n/a		
Quinoline	n/a		
Quinone (p-Benzoquinone)	n/a		
Selenium compounds	U204, U205		
Styrene oxide	n/a		

CATEGORY III (CONT.)

SOUTH CAROLINA AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
<i>Tetrachlorinated dibenzo-p-dioxins</i>	n/a		NOT ACCEPTED
1,1,2,2-Tetrachloroethane	F024, K019, K020, K028, K030, K095 K096, U209		
Toluene	F005, F024, K001, K015, K022, K048 K049, K051, K052, K086, K087, U220		
2,4-Toluenediamine	K027, U221		
o-Toluidine	U328		
Toxaphene	D015		
1,1,2-Trichloroethane	F002, F024, K019, K020, K028, K095 K096, U227		
2,4,5-Trichlorophenol	D041, K001, K105, U230		
2,4,6-Trichlorophenol	D042, K001, K105, U231		
Triethylamine	n/a		
Trifluralin	n/a		
<i>Vinyl acetate (RMP LIST)</i>	n/a		
Vinyl bromide	n/a		
<i>Vinyl chloride (RMP LIST)</i>	D043, F024, K019, K020, K028, K029 U043		
<i>Vinylidene chloride (1,1-dichloroethylene) (RMP LIST)</i>	D029, F024, K019, K020, K029, U078		
Xylidene	n/a		

ADDITIONAL APPENDIX VIII CONSTITUENTS ASSOCIATED WITH GIANT'S PERMITTED WASTE CODES--SC AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Barium	D005		
Chromium	D007, F006, F007, F008, F009, F011, F012, F024 F032, F034, F035, F037, F038, K002, K003, K004 K005, K006, K007, K008, K015, K022, K028, K048 K049, K050, K051, K052, K061, K062 K086, K100		
Lead	D008, F006, F007, F008, F009, F011, F012, F024, F035, F037, F038, K001, K002, K003, K005, K006, K007, K008, K028, K046, K048, K049, K050, K051 K052, K061, K062, K086, K100, K101, K102, U144, U145, U146		
Selenium	D010, U204, U205		
Silver	D011, F006, F007, F008, F009, F011, F012		
Antimony	K021		
Thallium	U214, U215, U216, U217		
Endrin	D012		
2,4,5-TP Silvex	D017		

ADDITIONAL APPENDIX VIII CONSTITUENTS ASSOCIATED WITH GIANT'S PERMITTED WASTE CODES--SC AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Pyridine	D038, F005, K026, U196		
Chlorinated fluorocarbons, n.o.s.	F001		
Trichlorofluoromethane	F002, U121		
1,1,2-Trichloro-1,2,2-trifluoroethane	F002		
o-Dichlorobenzene	F002, F024, K030, K085, K086, K105		
Isobutanol	F005, U140		
2-Ethoxyethanol	F005, U359		
Pentachloroethane	F024, K018, K028, K030, K095, K096 U184		
1,2-Dichloroethylene	F024, U079		
1,1,1,2-Tetrachloroethane	F024, K019, K020, K028, K030, K095 K096, U208		
m-Dichlorobenzene	F024, K085, K096, K105, U071		
1,2,4,5-Tetrachlorobenzene	F024, K019, K030, K085, U207		
Pentachlorobenzene	F024, K030, K085, U183		
Benz(a)anthracene	F032, F034, K001, K035, K051, U018		
Benzo(a)pyrene	F032, F034, F037, F038, K001, K035 K048, K049, K050, K051, K052, K060 U022		
Dibenz(a,h)anthracene	F032, F034, K001, K035		
Indeno(1,2,3-cd)pyrene	F032, F034, K001, K035, K087, U137		
Benzo(k)fluoranthene	F034, K015		
Chrysene	F037, F038, K001, K035, K048, K049 K051, K087, U050		
2-Chlorophenol	K001, K105		
p-Chloro-m-cresol	K001, U039		
2,4-Dimethylphenol	K001, K049, K052, U101		
2,3,4,6-Tetrachlorophenol	K001		
Creosote	K001, K035, U051		
Fluoranthene	K001, K035, K087, U120		
Benzo(b)fluoranthene	K001, K015, K035		
Paraldehyde	K009, K010, K026, U182		
Chloroacetaldehyde	K010		
Benzal chloride	K015, U017		
Trichloropropane	K017		
Dichloroethylether (Bis-[2-chloroethyl] ether)	K017, U025		
Dichloropropanol	K017		

ADDITIONAL APPENDIX VIII CONSTITUENTS ASSOCIATED WITH GIANT'S PERMITTED WASTE CODES--SC AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Diphenylamine	K022, K083, K104		
1,4-Naphthoquinone (1,4-Naphthalenedione)	K024, U166		
2-Picoline	K026, U191		
1,1,2,3,3,3-Hexachloropropene	K030, U243		
Butylbenzylphthalate	K086		
Warfarin	P001		
Aluminum phosphide	P006		
Copper cyanide	P029		
Endosulfan	P050		
Nickel cyanide	P074		
Potassium cyanide	P098		
Sodium cyanide	P106		
Vanadium pentoxide	P120		
Acetyl chloride	U006		
Mitomycin C	U010		
Amitrole	U011		
Auramine	U014		
Azaserine	U015		
Benz(c)acridine	U016		
Dichloromethoxy ethane	U024		
Chlornaphazine	U026		
Dichloroisopropyl ether	U027		
<i>Crotonaldehyde (RMP LIST)</i>	U053		
Methylene bromide	U068		
1,4-Dichloro-2-butene	U074		
Dichlorodifluoromethane	U075		
2,4-Dichlorophenol	U081		
2,6-Dichlorophenol	U082		
Diepoxybutane	U085		
N,N-Diethylhydrazine	U086		
o,o-Diethyl-S-methyldithiophosphate	U087		
Diethylstilbestrol	U089		
Dihydrosafrole	U090		

ADDITIONAL APPENDIX VIII CONSTITUENTS ASSOCIATED WITH GIANT'S PERMITTED WASTE CODES--SC AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
7,12-Dimethylbenz[a]anthracene	U094		
2,6-Dinitrotoluene	U106		
Di-n-propylnitrosamine	U111		
Ethylenebisdithiocarbamic acid	U114		
Ethyl methacrylate	U118		
Ethyl methanesulfonate	U119		
Hexachlorophene	U132		
Hydrofluoric acid (RMP LIST)	U134		
Dimethyl arsenic acid (cacodylic acid)	U136		
Isosafrole	U141		
Lasiocarpine	U143		
Lead acetate	U144		
Lead phosphate	U145		
Lead subacetate	U146		
Maleic hydrazide	U148		
Malonitrile	U149		
Melphalan	U150		
Methacrylonitrile (RMP LIST-MAX ≤5%)	U152		
Methanethiol	U153		
Methapyrilene	U155		
Methylchlorocarbonate	U156		
3-Methylcholanthrene	U157		
MNNG	U163		
Methylthiouracil	U164		
N-Nitrosodi-n-butylamine	U172		
N-Nitrosodiethylamine	U174		
N-Nitrosopiperidine	U179		
N-Nitrosopyrrolidine	U180		
5-Nitro-o-toluidine	U181		
Phenacetin	U187		
Pronamide	U192		
n-Propylamine	U194		

ADDITIONAL APPENDIX VIII CONSTITUENTS ASSOCIATED WITH GIANT'S PERMITTED WASTE CODES--SC AIR TOXICS SURVEY FORM

CONSTITUENT	ASSOCIATED USEPA CODES	PRESENT IN WASTE?	CONC. RANGE/UNITS
Reserpine	U200		
Resorcinol	U201		
Saccharin and salts	U202		
Safrole	U203		
Thallium(I) acetate	U214		
Thallium(I) carbonate	U215		
Thallium(I) chloride	U216		
Thallium(I) nitrate	U217		
Thioacetamide	U218		
Thiourea	U219		
o-Toluidine hydrochloride	U222		
Trichlorophenoxy acetic acid	U232		
Tris-(2,3-dibromopropyl) phosphate	U235		
Trypan blue	U236		
Uracil mustard	U237		
Ethyl carbamate (Urethane or Carbamic acid ethyl ester)	U238		
Thiram	U244		

ANY ADDITIONAL APPENDIX VIII CONSTITUENTS NOT ELSEWHERE SPECIFIED

CONSTITUENT	CONCENTRATION RANGE/UNITS

I hereby certify that the information contained in this form and any attached analytical report is true and accurate to the best of my knowledge. I also certify that I have reviewed Appendix VIII of 40 CFR Part 261 and that this form indicates each Appendix VIII constituent that may reasonably be expected to be present in this wastestream.

SIGNATURE: _____ TITLE: _____

PRINTED NAME _____ DATE: _____