When completing Section 8 of the Form R, facilities should use their best readily available information to determine the final disposition of toxic chemical sent to the publicly owned treatment works (POTW) and then distribute the amount reported in Section 6.1 among Sections 8.1c, 8.1d, and 8.7, as appropriate. Table VI presents data from EPA’s Risk-Screening Environmental Indicators (RSEI) model that can be used to assist with these calculations.

To predict the fate and transport of TRI chemicals, the RSEI model uses estimates of chemical removal efficiencies at POTWs and of the ultimate fate of the chemical amount removed. The amount of the chemical removed is divided into the percentages removed by (1) sorbing to sludge, (2) volatilizing into the air or (3) being biodegraded by microorganisms. Table VI assigns the portion of the influent diverted to sludge to Section 8.1c (off-site disposal to landfills and Class I UIC wells), the portion volatilizing into the air to Section 8.1d (other off-site releases), and the portion being biodegraded to Section 8.7 (off-site treatment). The percentage of the influent chemical that passes through the POTW and is not removed is also assigned to Section 8.1d.

POTW removal efficiencies are a function of many factors, including the treatment technology in place at the POTW. Information about the final disposition of chemicals at the specific POTW in question should therefore be used in place of the percentages in Table VI if available. Additional documentation for the values presented in Table VI can be found in Technical Appendix B of the RSEI Model Documentation, available at: <http://www2.epa.gov/toxics-release-inventory-tri-program/documentation-potw-removal-rates>.

TRI-MEweb will use the percentages below to calculate values for Sections 8.1c, 8.1d, and 8.7 unless you replace these default percentages with location-specific estimates of removal and destruction rates for the POTW in question. For chemicals not included in this table, TRI-MEweb’s default assumption is that 100% of the chemical sent to the POTW is treated for destruction.

| **CAS Number** | **Chemical Name** | **% of §6.1 to §:** | | |
| --- | --- | --- | --- | --- |
| **8.1c** | **8.1d** | **8.7** |
| ***Arranged by CAS Number*** | | | | |
| 50-00-0 | Formaldehyde | 0 | 8 | 92 |
| 51-03-6 | Piperonyl butoxide | 39 | 3 | 58 |
| 51-21-8 | Fluorouracil | 1 | 55 | 44 |
| 51-28-5 | 2,4-Dinitrophenol | 1 | 24 | 75 |
| 51-79-6 | Urethane (Ethyl carbamate) | 1 | 55 | 44 |
| 52-68-6 | Trichlorfon | 0 | 8 | 92 |
| 53-96-3 | 2-Acetylaminofluorene | 5 | 42 | 53 |
| 55-63-0 | Nitroglycerin | 1 | 24 | 75 |
| 56-23-5 | Carbon tetrachloride | 2 | 88 | 10 |
| 56-38-2 | Parathion | 9 | 2 | 89 |
| 57-14-7 | 1,1-Dimethyl hydrazine | 1 | 25 | 74 |
| 57-33-0 | Pentobarbital sodium | 2 | 53 | 45 |
| 57-41-0 | Phenytoin | 2 | 51 | 47 |
| 57-74-9 | Chlordane | 61 | 1 | 38 |
| 58-89-9 | Lindane | 13 | 24 | 63 |
| 60-09-3 | 4-Aminoazobenzene | 8 | 35 | 57 |
| 60-11-7 | 4-Dimethylaminoazobenzene | 35 | 5 | 60 |
| 60-34-4 | Methyl hydrazine | 1 | 25 | 74 |
| 60-35-5 | Acetamide | 0 | 8 | 92 |
| 60-51-5 | Dimethoate | 1 | 55 | 44 |
| 61-82-5 | Amitrole | 1 | 55 | 44 |
| 62-53-3 | Aniline | 0 | 8 | 92 |
| 62-55-5 | Thioacetamide | 1 | 55 | 44 |
| 62-56-6 | Thiourea | 1 | 25 | 74 |
| 62-73-7 | Dichlorvos | 1 | 25 | 74 |
| 62-74-8 | Sodium fluoroacetate | 1 | 25 | 74 |
| 63-25-2 | Carbaryl | 1 | 12 | 87 |
| 64-18-6 | Formic acid | 0 | 8 | 92 |
| 64-67-5 | Diethyl sulfate | 0 | 5 | 95 |
| 64-75-5 | Tetracycline hydrochloride | 1 | 55 | 44 |
| 67-56-1 | Methanol | 0 | 8 | 92 |
| 67-66-3 | Chloroform | 1 | 73 | 26 |
| 67-72-1 | Hexachloroethane | 18 | 56 | 26 |
| 68-12-2 | N,N-Dimethylformamide | 0 | 8 | 92 |
| 70-30-4 | Hexachlorophene | 62 | 1 | 37 |
| 71-36-3 | n-Butyl alcohol | 0 | 8 | 92 |
| 71-43-2 | Benzene | 1 | 23 | 76 |
| 71-55-6 | 1,1,1-trichloroethane | 1 | 95 | 4 |
| 72-43-5 | Methoxychlor | 45 | 2 | 53 |
| 72-57-1 | Trypan blue | 1 | 55 | 44 |
| 74-83-9 | Bromomethane | 0 | 80 | 20 |
| 74-85-1 | Ethylene | 0 | 92 | 8 |
| 74-87-3 | Chloromethane | 1 | 59 | 40 |
| 74-88-4 | Methyl iodide | 1 | 78 | 21 |
| 74-90-8 | Hydrogen cyanide | 2 | 98 | 0 |
| 74-95-3 | Methylene bromide | 1 | 61 | 38 |
| 75-00-3 | Chloroethane | 1 | 85 | 14 |
| 75-01-4 | Vinyl chloride | 0 | 92 | 8 |
| 75-05-8 | Acetonitrile | 1 | 25 | 74 |
| 75-07-0 | Acetaldehyde | 0 | 9 | 91 |
| 75-09-2 | Dichloromethane | 1 | 44 | 55 |
| 75-15-0 | Carbon disulfide | 1 | 87 | 12 |
| 75-21-8 | Ethylene oxide | 0 | 9 | 91 |
| 75-25-2 | Bromoform | 2 | 57 | 41 |
| 75-27-4 | Dichlorobromomethane | 1 | 68 | 31 |
| 75-34-3 | Ethylidene dichloride | 1 | 78 | 21 |
| 75-35-4 | Vinylidene chloride | 1 | 91 | 8 |
| 75-43-4 | Dichlorofluoromethane | 1 | 91 | 8 |
| 75-44-5 | Phosgene | 0 | 0 | 100 |
| 75-45-6 | Chlorodifluoromethane | 1 | 88 | 11 |
| 75-55-8 | Propyleneimine | 1 | 25 | 74 |
| 75-56-9 | Propylene oxide | 0 | 9 | 91 |
| 75-63-8 | Bromotrifluoromethane | 0 | 99 | 1 |
| 75-65-0 | tert-Butyl alcohol | 1 | 55 | 44 |
| 75-68-3 | 1-Chloro-1,1-difluoroethane | 1 | 98 | 1 |
| 75-69-4 | Trichlorofluoromethane (CFC-11) | 1 | 98 | 1 |
| 75-71-8 | Dichlorodifluoromethane (CFC-12) | 0 | 99 | 1 |
| 75-72-9 | Chlorotrifluoromethane (CFC-13) | 0 | 99 | 1 |
| 75-86-5 | 2-Methyllactonitrile | 0 | 0 | 100 |
| 75-88-7 | 2-Chloro-1,1,1-trifluoroethane | 0 | 99 | 1 |
| 76-01-7 | Pentachloroethane | 6 | 75 | 19 |
| 76-06-2 | Chloropicrin | 1 | 88 | 11 |
| 76-13-1 | Freon 113 | 3 | 96 | 1 |
| 76-14-2 | Dichlorotetrafluoroethane (CFC-114) | 2 | 97 | 1 |
| 76-15-3 | Monochloropentafluoroethane (CFC-115) | 1 | 98 | 1 |
| 76-44-8 | Heptachlor | 50 | 1 | 49 |
| 76-87-9 | Triphenyltin hydroxide | 14 | 86 | 0 |
| 77-47-4 | Hexachlorocyclopentadiene | 44 | 11 | 45 |
| 77-73-6 | Dicyclopentadiene | 7 | 84 | 9 |
| 77-78-1 | Dimethyl sulfate | 0 | 3 | 97 |
| 78-48-8 | S,S,S-Tributyltrithiophosphate (DEF) | 37 | 0 | 63 |
| 78-84-2 | Isobutyraldehyde | 0 | 9 | 91 |
| 78-87-5 | 1,2-Dichloropropane | 1 | 70 | 29 |
| 78-88-6 | 2,3-Dichloropropene | 1 | 67 | 32 |
| 78-92-2 | sec-Butyl alcohol | 0 | 8 | 92 |
| 79-00-5 | 1,1,2-Trichloroethane | 1 | 82 | 17 |
| 79-01-6 | Trichloroethylene | 1 | 93 | 6 |
| 79-06-1 | Acrylamide | 0 | 8 | 92 |
| 79-10-7 | Acrylic acid | 0 | 8 | 92 |
| 79-11-8 | Chloroacetic acid | 0 | 8 | 92 |
| 79-19-6 | Thiosemicarbazide | 1 | 55 | 44 |
| 79-21-0 | Peracetic acid | 0 | 8 | 92 |
| 79-22-1 | Methyl chlorocarbonate | 0 | 1 | 99 |
| 79-34-5 | 1,1,2,2-Tetrachloroethane | 2 | 78 | 20 |
| 79-44-7 | Dimethylcarbamyl chloride | 0 | 0 | 100 |
| 79-46-9 | 2-Nitropropane | 1 | 26 | 73 |
| 80-05-7 | 4,4'-Isopropylidenediphenol | 5 | 14 | 81 |
| 80-15-9 | Cumene hydroperoxide | 1 | 24 | 75 |
| 80-62-6 | Methyl methacrylate | 0 | 10 | 90 |
| 81-07-2 | Saccharin (only persons who manufacture are subject, no supplier notification) | 1 | 25 | 74 |
| 82-68-8 | Quintozene | 43 | 11 | 46 |
| 84-74-2 | Dibutyl phthalate | 29 | 1 | 70 |
| 85-01-8 | Phenanthrene | 32 | 6 | 62 |
| 85-44-9 | Phthalic anhydride | 0 | 1 | 99 |
| 86-30-6 | N-Nitrosodiphenylamine | 5 | 42 | 53 |
| 87-62-7 | 2,6-Xylidine | 2 | 53 | 45 |
| 87-68-3 | Hexachloro-1,3-butadiene | 45 | 23 | 32 |
| 87-86-5 | Pentachlorophenol (PCP) | 54 | 4 | 42 |
| 88-06-2 | 2,4,6-Trichlorophenol | 9 | 9 | 82 |
| 88-75-5 | 2-Nitrophenol | 1 | 59 | 40 |
| 88-85-7 | Dinitrobutyl phenol | 12 | 54 | 34 |
| 88-89-1 | Picric acid | 1 | 78 | 21 |
| 90-04-0 | o-Anisidine | 1 | 25 | 74 |
| 90-43-7 | 2-Phenylphenol | 3 | 5 | 92 |
| 91-08-7 | Toluene-2,6-diisocyanate | 2 | 1 | 97 |
| 91-20-3 | Naphthalene | 4 | 6 | 90 |
| 91-22-5 | Quinoline | 1 | 24 | 75 |
| 91-59-8 | beta-Naphthylamine | 1 | 23 | 76 |
| 91-94-1 | 3,3'-Dichlorobenzidine | 9 | 32 | 59 |
| 92-52-4 | Biphenyl | 10 | 2 | 88 |
| 92-67-1 | 4-Aminobiphenyl | 3 | 47 | 50 |
| 92-87-5 | Benzidine | 1 | 25 | 74 |
| 93-65-2 | Mecoprop | 5 | 42 | 53 |
| 94-11-1 | 2,4-D isopropyl ester | 8 | 2 | 90 |
| 94-36-0 | Benzoyl peroxide | 5 | 3 | 92 |
| 94-58-6 | Dihydrosafrole | 10 | 30 | 60 |
| 94-59-7 | Safrole | 8 | 34 | 58 |
| 94-74-6 | Methoxone ((4-Chloro-2-methylphenoxy) acetic acid) (MCPA) | 6 | 39 | 55 |
| 94-75-7 | 2,4-D | 2 | 6 | 92 |
| 94-80-4 | 2,4-D butyl ester | 15 | 1 | 84 |
| 95-47-6 | o-Xylene | 3 | 16 | 81 |
| 95-48-7 | o-Cresol | 0 | 8 | 92 |
| 95-50-1 | 1,2-Dichlorobenzene | 7 | 47 | 46 |
| 95-53-4 | o-Toluidine | 0 | 94 | 6 |
| 95-54-5 | 1,2-Phenylenediamine | 1 | 55 | 44 |
| 95-63-6 | 1,2,4-Trimethylbenzene | 11 | 21 | 68 |
| 95-80-7 | 2,4-Diaminotoluene | 1 | 55 | 44 |
| 95-95-4 | 2,4,5-Trichlorophenol | 13 | 25 | 62 |
| 96-09-3 | Styrene oxide | 1 | 25 | 74 |
| 96-12-8 | 1,2-Dibromo-3-chloropropane (DBCP) | 4 | 72 | 24 |
| 96-18-4 | 1,2,3-Trichloropropane | 2 | 56 | 42 |
| 96-33-3 | Methyl acrylate | 0 | 9 | 91 |
| 96-45-7 | Ethylene thiourea | 1 | 55 | 44 |
| 98-07-7 | Benzoic trichloride | 0 | 0 | 100 |
| 98-82-8 | Cumene | 7 | 13 | 80 |
| 98-86-2 | Acetophenone | 0 | 8 | 92 |
| 98-87-3 | Benzal chloride | 0 | 0 | 100 |
| 98-88-4 | Benzoyl chloride | 0 | 0 | 100 |
| 98-95-3 | Nitrobenzene | 0 | 8 | 92 |
| 99-55-8 | 5-Nitro-o-toluidine | 1 | 54 | 45 |
| 99-65-0 | m-Dinitrobenzene | 1 | 54 | 45 |
| 100-01-6 | p-Nitroaniline | 1 | 54 | 45 |
| 100-02-7 | 4-Nitrophenol | 0 | 93 | 7 |
| 100-25-4 | p-Dinitrobenzene | 1 | 54 | 45 |
| 100-41-4 | Ethylbenzene | 3 | 45 | 52 |
| 100-42-5 | Styrene | 2 | 13 | 85 |
| 100-44-7 | Benzyl chloride | 1 | 27 | 72 |
| 100-75-4 | N-Nitrosopiperidine | 1 | 55 | 44 |
| 101-05-3 | Anilazine | 16 | 19 | 65 |
| 101-14-4 | 4,4'-Methylenebis(2-chloroaniline) (MBOCA) | 17 | 18 | 65 |
| 101-77-9 | 4,4'-Methylenedianiline | 1 | 24 | 75 |
| 101-80-4 | 4,4'-Diaminodiphenyl ether | 1 | 24 | 75 |
| 101-90-6 | Diglycidyl resorcinol ether | 1 | 25 | 74 |
| 105-67-9 | 2,4-Dimethylphenol | 1 | 23 | 76 |
| 106-42-3 | p-Xylene | 3 | 19 | 78 |
| 106-44-5 | p-Cresol | 0 | 8 | 92 |
| 106-46-7 | 1,4-Dichlorobenzene | 7 | 49 | 44 |
| 106-47-8 | p-Chloroaniline | 1 | 54 | 45 |
| 106-50-3 | p-Phenylenediamine | 1 | 55 | 44 |
| 106-51-4 | Quinone | 1 | 59 | 40 |
| 106-88-7 | 1,2-Butylene oxide | 0 | 27 | 73 |
| 106-89-8 | Epichlorohydrin | 1 | 55 | 44 |
| 106-93-4 | 1,2-Dibromoethane | 1 | 60 | 39 |
| 106-99-0 | 1,3-Butadiene | 1 | 86 | 13 |
| 107-02-8 | Acrolein | 0 | 9 | 91 |
| 107-05-1 | Allyl chloride | 1 | 85 | 14 |
| 107-06-2 | 1,2-Dichloroethane | 1 | 64 | 35 |
| 107-11-9 | Allylamine | 1 | 25 | 74 |
| 107-13-1 | Acrylonitrile | 0 | 9 | 91 |
| 107-18-6 | Allyl alcohol | 0 | 8 | 92 |
| 107-19-7 | Propargyl alcohol | 0 | 8 | 92 |
| 107-21-1 | Ethylene glycol | 0 | 8 | 92 |
| 107-30-2 | Chloromethyl methyl ether | 0 | 0 | 100 |
| 108-05-4 | Vinyl acetate | 0 | 11 | 89 |
| 108-10-1 | Methyl isobutyl ketone | 0 | 9 | 91 |
| 108-31-6 | Maleic anhydride | 0 | 0 | 100 |
| 108-38-3 | m-Xylene | 3 | 18 | 79 |
| 108-39-4 | m-Cresol | 0 | 8 | 92 |
| 108-45-2 | 1,3-Phenylenediamine | 1 | 55 | 44 |
| 108-60-1 | Bis(2-chloro-1-methylethyl) ether | 2 | 53 | 45 |
| 108-88-3 | Toluene | 1 | 23 | 76 |
| 108-90-7 | Chlorobenzene | 2 | 39 | 59 |
| 108-93-0 | Cyclohexanol | 0 | 9 | 91 |
| 108-95-2 | Phenol | 0 | 8 | 92 |
| 109-06-8 | 2-Methylpyridine | 0 | 8 | 92 |
| 109-77-3 | Malononitrile | 1 | 55 | 44 |
| 109-86-4 | 2-Methoxyethanol | 0 | 8 | 92 |
| 110-54-3 | n-Hexane | 9 | 53 | 38 |
| 110-57-6 | trans-1,4-Dichloro-2-butene | 2 | 27 | 71 |
| 110-80-5 | 2-Ethoxyethanol | 0 | 8 | 92 |
| 110-82-7 | Cyclohexane | 6 | 19 | 75 |
| 110-86-1 | Pyridine | 0 | 8 | 92 |
| 111-42-2 | Diethanolamine | 0 | 8 | 92 |
| 111-44-4 | Bis(2-chloroethyl) ether | 2 | 78 | 20 |
| 111-91-1 | Bis(2-chloroethoxy) methane | 1 | 78 | 21 |
| 114-26-1 | Propoxur | 0 | 8 | 92 |
| 115-07-1 | Propylene (Propene) | 0 | 91 | 9 |
| 115-32-2 | Dicofol | 44 | 2 | 54 |
| 116-06-3 | Aldicarb | 1 | 54 | 45 |
| 117-79-3 | 2-Aminoanthraquinone | 2 | 52 | 46 |
| 117-81-7 | Di(2-ethylhexyl) phthalate | 38 | 0 | 62 |
| 118-74-1 | Hexachlorobenzene | 60 | 2 | 38 |
| 119-90-4 | 3,3'-Dimethoxybenzidine | 1 | 54 | 45 |
| 119-93-7 | 3,3'-Dimethylbenzidine | 1 | 23 | 76 |
| 120-12-7 | Anthracene | 31 | 8 | 61 |
| 120-36-5 | 2,4-DP | 8 | 34 | 58 |
| 120-58-1 | Isosafrole | 7 | 36 | 57 |
| 120-71-8 | p-Cresidine | 1 | 54 | 45 |
| 120-80-9 | Catechol | 0 | 8 | 92 |
| 120-82-1 | 1,2,4-Trichlorobenzene | 19 | 22 | 59 |
| 120-83-2 | 2,4-Dichlorophenol | 3 | 5 | 92 |
| 121-14-2 | 2,4-Dinitrotoluene | 1 | 54 | 45 |
| 121-44-8 | Triethylamine | 1 | 56 | 43 |
| 121-69-7 | N,N-Dimethylaniline | 2 | 53 | 45 |
| 121-75-5 | Malathion | 1 | 7 | 92 |
| 122-34-9 | Simazine | 2 | 77 | 21 |
| 122-39-4 | Diphenylamine | 7 | 12 | 81 |
| 122-66-7 | 1,2-Diphenylhydrazine | 4 | 46 | 50 |
| 123-31-9 | Hydroquinone | 0 | 8 | 92 |
| 123-38-6 | Propionaldehyde | 0 | 9 | 91 |
| 123-63-7 | Paraldehyde | 1 | 55 | 44 |
| 123-72-8 | Butyraldehyde | 0 | 9 | 91 |
| 123-91-1 | 1,4-Dioxane | 1 | 55 | 44 |
| 124-40-3 | Dimethylamine | 0 | 8 | 92 |
| 124-73-2 | Dibromotetrafluoroethane | 2 | 97 | 1 |
| 126-98-7 | Methacrylonitrile | 1 | 27 | 72 |
| 126-99-8 | Chloroprene | 1 | 93 | 6 |
| 127-18-4 | Tetrachloroethylene (Perchloroethylene) | 6 | 87 | 7 |
| 128-03-0 | Potassium dimethyldithiocarbamate | 1 | 28 | 71 |
| 128-04-1 | Sodium dimethyldithiocarbamate | 1 | 28 | 71 |
| 131-11-3 | Dimethyl phthalate | 0 | 8 | 92 |
| 132-64-9 | Dibenzofuran | 18 | 4 | 78 |
| 133-06-2 | Captan | 1 | 23 | 76 |
| 133-07-3 | Folpet | 2 | 20 | 78 |
| 134-32-7 | alpha-Naphthylamine | 1 | 24 | 75 |
| 136-45-8 | Dipropyl isocinchomeronate | 6 | 3 | 91 |
| 137-26-8 | Thiram | 1 | 24 | 75 |
| 137-41-7 | Potassium N-methyldithiocarbamate | 0 | 27 | 73 |
| 137-42-8 | Metham sodium | 0 | 27 | 73 |
| 139-13-9 | Nitrilotriacetic acid | 0 | 8 | 92 |
| 140-88-5 | Ethyl acrylate | 0 | 10 | 90 |
| 141-32-2 | Butyl acrylate | 1 | 9 | 90 |
| 142-59-6 | Nabam | 0 | 10 | 90 |
| 148-79-8 | Thiabendazole | 2 | 51 | 47 |
| 149-30-4 | 2-Mercaptobenzothiazole (MBT) | 2 | 52 | 46 |
| 150-50-5 | Merphos | 22 | 0 | 78 |
| 151-56-4 | Ethyleneimine (Aziridine) | 1 | 55 | 44 |
| 156-62-7 | Calcium cyanamide | 2 | 98 | 0 |
| 298-00-0 | Methyl parathion | 2 | 6 | 92 |
| 300-76-5 | Naled | 1 | 25 | 74 |
| 302-01-2 | Hydrazine | 0 | 15 | 85 |
| 306-83-2 | 2,2-Dichloro-1,1,1-trifluoroethane | 1 | 98 | 1 |
| 309-00-2 | Aldrin | 62 | 1 | 37 |
| 314-40-9 | Bromacil | 2 | 53 | 45 |
| 330-54-1 | Diuron | 2 | 50 | 48 |
| 330-55-2 | Linuron | 5 | 41 | 54 |
| 333-41-5 | Diazinon | 12 | 7 | 81 |
| 353-59-3 | Bromochlorodifluoromethane | 1 | 98 | 1 |
| 354-11-0 | 1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a) | 3 | 84 | 13 |
| 354-14-3 | 1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121) | 3 | 84 | 13 |
| 354-23-4 | 1,2-Dichloro-1,1,2-trifluoroethane | 1 | 98 | 1 |
| 354-25-6 | 1-Chloro-1,1,2,2-tetrafluoroethane | 0 | 99 | 1 |
| 357-57-3 | Brucine | 1 | 55 | 44 |
| 422-56-0 | 3,3-Dichloro-1,1,1,2,2-pentafluoropropane | 3 | 96 | 1 |
| 460-35-5 | 3-Chloro-1,1,1-trifluoropropane | 1 | 98 | 1 |
| 463-58-1 | Carbonyl sulfide | 0 | 84 | 16 |
| 465-73-6 | Isodrin | 62 | 1 | 37 |
| 492-80-8 | C.I. Solvent Yellow 34 (Auramine) | 2 | 50 | 48 |
| 505-60-2 | Mustard gas | 0 | 0 | 100 |
| 507-55-1 | 1,3-Dichloro-1,1,2,2,3-pentafluoropropane | 3 | 96 | 1 |
| 510-15-6 | Chlorobenzilate | 39 | 3 | 58 |
| 528-29-0 | o-Dinitrobenzene | 1 | 54 | 45 |
| 533-74-4 | Dazomet | 0 | 3 | 97 |
| 534-52-1 | 4,6-Dinitro-o-cresol | 2 | 53 | 45 |
| 540-59-0 | 1,2-Dichloroethylene | 1 | 74 | 25 |
| 541-41-3 | Ethyl chloroformate | 1 | 43 | 56 |
| 541-53-7 | 2,4-Dithiobiuret | 1 | 51 | 48 |
| 541-73-1 | 1,3-Dichlorobenzene | 8 | 47 | 45 |
| 542-75-6 | 1,3-Dichloropropylene | 1 | 44 | 55 |
| 542-76-7 | 3-Chloropropionitrile | 1 | 55 | 44 |
| 542-88-1 | Bis(chloromethyl) ether | 0 | 0 | 100 |
| 554-13-2 | Lithium carbonate | 2 | 98 | 0 |
| 556-61-6 | Methyl isothiocyanate | 0 | 0 | 100 |
| 563-47-3 | 3-Chloro-2-methyl-1-propene | 1 | 93 | 6 |
| 584-84-9 | Toluene-2,4-diisocyanate | 2 | 1 | 97 |
| 606-20-2 | 2,6-Dinitrotoluene | 2 | 53 | 45 |
| 612-83-9 | 3,3'-Dichlorobenzidine dihydrochloride | 9 | 32 | 59 |
| 621-64-7 | N-Nitrosodi-n-propylamine | 1 | 54 | 45 |
| 624-83-9 | Methyl isocyanate | 0 | 0 | 100 |
| 630-20-6 | 1,1,1,2-Tetrachloroethane | 3 | 82 | 15 |
| 636-21-5 | o-Toluidine hydrochloride | 1 | 54 | 45 |
| 684-93-5 | N-Nitroso-N-methylurea | 1 | 55 | 44 |
| 709-98-8 | Propanil (N-(3,4-Dichlorophenyl)propanamide) | 4 | 44 | 52 |
| 759-73-9 | N-Nitroso-N-ethylurea | 1 | 55 | 44 |
| 759-94-4 | Ethyl dipropylthiocarbamate (EPTC) | 5 | 41 | 54 |
| 764-41-0 | 1,4-Dichloro-2-butene | 1 | 84 | 15 |
| 834-12-8 | Ametryn | 4 | 45 | 51 |
| 872-50-4 | N-Methyl-2-pyrrolidone | 0 | 8 | 92 |
| 924-42-5 | N-Methylolacrylamide | 0 | 8 | 92 |
| 961-11-5 | Tetrachlorvinphos | 7 | 11 | 82 |
| 1120-71-4 | Propane sultone | 1 | 29 | 70 |
| 1163-19-5 | Decabromodiphenyl oxide | 62 | 1 | 37 |
| 1313-27-5 | Molybdenum trioxide | 2 | 98 | 0 |
| 1314-20-1 | Thorium dioxide | 90 | 10 | 0 |
| 1319-77-3 | Cresol (mixed isomers) | 0 | 8 | 92 |
| 1320-18-9 | 2,4-D propylene glycol butyl ether ester | 15 | 0 | 85 |
| 1330-20-7 | Xylene (mixed isomers) | 3 | 17 | 80 |
| 1336-36-3 | Polychlorinated biphenyls (PCBs) | 61 | 1 | 38 |
| 1344-28-1 | Aluminum oxide (fibrous forms) | 2 | 98 | 0 |
| 1464-53-5 | Diepoxybutane | 1 | 25 | 74 |
| 1563-66-2 | Carbofuran | 1 | 7 | 92 |
| 1582-09-8 | Trifluralin | 57 | 3 | 40 |
| 1634-04-4 | Methyl tert-butyl ether | 1 | 60 | 39 |
| 1649-08-7 | 1,2-Dichloro-1,1-difluoroethane | 1 | 97 | 2 |
| 1689-84-5 | Bromoxynil | 6 | 13 | 81 |
| 1689-99-2 | Bromoxynil octanoate | 38 | 0 | 62 |
| 1717-00-6 | 1,1-Dichloro-1-fluoroethane | 1 | 96 | 3 |
| 1861-40-1 | Benfluralin | 56 | 3 | 41 |
| 1897-45-6 | Chlorothalonil | 3 | 18 | 79 |
| 1910-42-5 | Paraquat dichloride | 1 | 55 | 44 |
| 1912-24-9 | Atrazine | 3 | 74 | 23 |
| 1918-00-9 | Dicamba | 1 | 53 | 46 |
| 1918-02-1 | Picloram | 2 | 90 | 8 |
| 1918-16-7 | Propachlor | 1 | 24 | 75 |
| 1928-43-4 | 2,4-D 2-ethylhexyl ester | 22 | 0 | 78 |
| 1929-73-3 | 2,4-D butoxyethyl ester | 12 | 1 | 87 |
| 1929-82-4 | Nitrapyrin (2-Chloro-6-(trichloromethyl)pyridine) | 7 | 36 | 57 |
| 1982-69-0 | Sodium dicamba | 1 | 53 | 46 |
| 2164-07-0 | Dipotassium endothall | 1 | 24 | 75 |
| 2164-17-2 | Fluometuron | 2 | 52 | 46 |
| 2234-13-1 | Octachloronaphthalene | 62 | 1 | 37 |
| 2300-66-5 | Dimethylamine dicamba | 1 | 54 | 45 |
| 2303-16-4 | Diallate | 21 | 14 | 65 |
| 2303-17-5 | Triallate | 35 | 5 | 60 |
| 2312-35-8 | Propargite | 42 | 44 | 14 |
| 2699-79-8 | Sulfuryl fluoride | 2 | 98 | 0 |
| 2702-72-9 | 2,4-D sodium salt | 2 | 6 | 92 |
| 2837-89-0 | 2-Chloro-1,1,1,2-tetrafluoroethane | 0 | 99 | 1 |
| 2971-38-2 | 2,4-D chlorocrotyl ester | 16 | 0 | 84 |
| 3383-96-8 | Temephos | 38 | 0 | 62 |
| 3653-48-3 | Methoxone sodium salt ((4-Chloro-2-methylphenoxy) acetate sodium salt) | 1 | 25 | 74 |
| 4080-31-3 | 1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride | 1 | 55 | 44 |
| 4170-30-3 | Crotonaldehyde | 0 | 10 | 90 |
| 4549-40-0 | N-Nitrosomethylvinylamine | 9 | 51 | 40 |
| 5234-68-4 | Carboxin | 1 | 24 | 75 |
| 7287-19-6 | Prometryn | 11 | 56 | 33 |
| 7429-90-5 | Aluminum (fume or dust) | 66 | 34 | 0 |
| 7439-92-1 | Lead | 63 | 37 | NA |
| 7439-96-5 | Manganese | 39 | 61 | NA |
| 7439-97-6 | Mercury | 69 | 31 | NA |
| 7440-02-0 | Nickel | 38 | 62 | NA |
| 7440-22-4 | Silver | 66 | 34 | NA |
| 7440-28-0 | Thallium | 54 | 46 | NA |
| 7440-36-0 | Antimony | 32 | 68 | NA |
| 7440-38-2 | Arsenic | 49 | 51 | NA |
| 7440-39-3 | Barium | 69 | 31 | NA |
| 7440-41-7 | Beryllium | 37 | 63 | NA |
| 7440-43-9 | Cadmium | 68 | 32 | NA |
| 7440-47-3 | Chromium | 76 | 24 | NA |
| 7440-48-4 | Cobalt | 32 | 68 | NA |
| 7440-50-8 | Copper | 72 | 28 | NA |
| 7440-62-2 | Vanadium (except when contained in an alloy) | 32 | 68 | NA |
| 7440-66-6 | Zinc (fume or dust) | 66 | 34 | NA |
| 7550-45-0 | Titanium tetrachloride | 2 | 98 | 0 |
| 7632-00-0 | Sodium nitrite | 2 | 98 | 0 |
| 7637-07-2 | Boron trifluoride | 2 | 98 | 0 |
| 7647-01-0 | Hydrochloric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size) | 0 | 0 | 100 |
| 7664-39-3 | Hydrogen fluoride | 2 | 98 | 0 |
| 7664-41-7 | Ammonia | 0 | 40 | 60 |
| 7664-93-9 | Sulfuric acid (acid aerosols including mists, vapors, gas, fog, and other airborne forms of any particle size) | 0 | 0 | 100 |
| 7697-37-2 | Nitric acid | 0 | 0 | 100 |
| 7723-14-0 | Phosphorus (yellow or white) | 60 | 40 | 0 |
| 7726-95-6 | Bromine | 2 | 98 | 0 |
| 7758-29-4 | Potassium bromate | 2 | 98 | 0 |
| 7782-41-4 | Fluorine | 2 | 98 | 0 |
| 7782-49-2 | Selenium | 44 | 56 | NA |
| 7782-50-5 | Chlorine | 2 | 98 | 0 |
| 7803-51-2 | Phosphine | 2 | 98 | 0 |
| 8001-35-2 | Toxaphene | 62 | 1 | 37 |
| 10028-15-6 | Ozone | 2 | 98 | 0 |
| 10034-93-2 | Hydrazine sulfate | 2 | 98 | 0 |
| 10049-04-4 | Chlorine dioxide | 2 | 98 | 0 |
| 10061-02-6 | trans-1,3-Dichloropropene | 1 | 31 | 68 |
| 10294-34-5 | Boron trichloride | 2 | 98 | 0 |
| 12122-67-7 | Zineb | 0 | 2 | 98 |
| 12427-38-2 | Maneb | 2 | 98 | 0 |
| 13194-48-4 | Ethoprop | 10 | 29 | 61 |
| 13684-56-5 | Desmedipham | 5 | 9 | 86 |
| 15972-60-8 | Alachlor | 7 | 11 | 82 |
| 17804-35-2 | Benomyl | 1 | 49 | 50 |
| 19044-88-3 | Oryzalin | 3 | 49 | 48 |
| 19666-30-9 | Oxydiazon | 40 | 3 | 57 |
| 20325-40-0 | 3,3'-Dimethoxybenzidine dihydrochloride (o-Dianisidine dihydrochloride) | 1 | 55 | 44 |
| 20816-12-0 | Osmium tetroxide | 2 | 98 | 0 |
| 20859-73-8 | Aluminum phosphide | 2 | 98 | 0 |
| 21087-64-9 | Metribuzin | 1 | 54 | 45 |
| 21725-46-2 | Cyanazine | 2 | 76 | 22 |
| 22781-23-3 | Bendiocarb | 1 | 23 | 76 |
| 23564-05-8 | Thiophanate-methyl | 1 | 25 | 74 |
| 23950-58-5 | Pronamide | 10 | 30 | 60 |
| 25321-14-6 | Dinitrotoluene (mixed isomers) | 1 | 53 | 46 |
| 25321-22-6 | Dichlorobenzene (mixed isomers) | 8 | 47 | 45 |
| 25376-45-8 | Diaminotoluene (mixed isomers) | 1 | 78 | 21 |
| 26002-80-2 | Phenothrin | 38 | 0 | 62 |
| 26471-62-5 | Toluene diisocyanate (mixed isomers) | 2 | 1 | 97 |
| 26628-22-8 | Sodium azide | 2 | 98 | 0 |
| 28249-77-6 | Thiobencarb | 8 | 35 | 57 |
| 30560-19-1 | Acephate | 1 | 55 | 44 |
| 34014-18-1 | Tebuthiuron | 2 | 77 | 21 |
| 34077-87-7 | Dichlorotrifluoroethane | 1 | 98 | 1 |
| 35367-38-5 | Diflubenzuron | 13 | 6 | 81 |
| 35554-44-0 | Imazalil | 15 | 21 | 64 |
| 40487-42-1 | Pendimethalin | 47 | 1 | 52 |
| 42874-03-3 | Oxyfluorfen | 39 | 3 | 58 |
| 43121-43-3 | Triadimefon | 3 | 48 | 49 |
| 51235-04-2 | Hexazinone | 19 | 16 | 65 |
| 52645-53-1 | Permethrin | 38 | 0 | 62 |
| 53404-37-8 | 2,4-D 2-ethyl-4-methylpentyl ester | 21 | 0 | 79 |
| 55290-64-7 | Dimethipin | 1 | 55 | 44 |
| 55406-53-6 | 3-Iodo-2-propynyl butylcarbamate | 1 | 23 | 76 |
| 57213-69-1 | Triclopyr triethylammonium salt | 1 | 25 | 74 |
| 59669-26-0 | Thiodicarb | 1 | 24 | 75 |
| 60207-90-1 | Propiconazole | 9 | 32 | 59 |
| 62476-59-9 | Acifluorfen, sodium salt | 12 | 25 | 63 |
| 64902-72-3 | Chlorsulfuron | 1 | 54 | 45 |
| 67485-29-4 | Hydramethylnon | 53 | 0 | 47 |
| 68359-37-5 | Cyfluthrin | 38 | 0 | 62 |
| 71751-41-2 | Abamectin | 44 | 2 | 54 |
| 72178-02-0 | Fomesafen | 3 | 47 | 50 |
| 77501-63-4 | Lactofen | 31 | 0 | 69 |
| 82657-04-3 | Bifenthrin | 38 | 0 | 62 |
| 88671-89-0 | Myclobutanil | 9 | 32 | 59 |
| 90982-32-4 | Chlorimuron ethyl | 1 | 23 | 76 |
| 101200-48-0 | Tribenuron methyl | 2 | 22 | 76 |
| 127564-92-5 | Dichloropentafluoropropane | 3 | 96 | 1 |
| N010 | Antimony Compounds | 32 | 68 | NA |
| N020 | Arsenic Compounds | 49 | 51 | NA |
| N040 | Barium Compounds | 69 | 31 | NA |
| N050 | Beryllium Compounds | 37 | 63 | NA |
| N078 | Cadmium Compounds | 68 | 32 | NA |
| N084 | Chlorophenols | 54 | 4 | 42 |
| N090 | Chromium Compounds (except chromite ore mined in the transvaal region) | 76 | 24 | NA |
| N096 | Cobalt Compounds | 32 | 68 | NA |
| N100 | Copper Compounds | 72 | 28 | NA |
| N106 | Cyanide Compounds | 2 | 98 | 0 |
| N171 | Ethylenebisdithiocarbamic acid, salts and esters | 2 | 98 | 0 |
| N230 | Certain Glycol Ethers | 0 | 8 | 92 |
| N420 | Lead Compounds | 63 | 37 | NA |
| N450 | Manganese Compounds | 39 | 61 | NA |
| N458 | Mercury Compounds | 69 | 31 | NA |
| N495 | Nickel Compounds | 38 | 62 | NA |
| N503 | Nicotine and salts | 2 | 98 | 0 |
| N511a | Nitrate Compounds | 0 | 10 | 90 |
| N533 | Nonylphenol | 60 | 2 | 38 |
| N590 | Polycyclic Aromatic Compounds | 92 | 7 | 1 |
| N725 | Selenium Compounds | 44 | 56 | NA |
| N740 | Silver Compounds | 66 | 34 | NA |
| N746 | Strychnine and salts | 2 | 98 | 0 |
| N760 | Thallium Compounds | 54 | 46 | NA |
| N770 | Vanadium Compounds | 32 | 68 | NA |
| N874 | Warfarin And Salts | 3 | 97 | 0 |
| N982 | Zinc Compounds | 66 | 34 | NA |
| a N511: Nitrate compounds (water dissociable) are reportable only when in aqueous solution. Removal of nitrate compounds from wastewater and/or aqueous solution therefore constitutes treatment for destruction for TRI reporting purposes. Data source for nitrate removal rate is *US EPA. [2012]. EPIWEB- Estimation Programs Interface Suite™ for Microsoft® Windows, v 4.11. Sewage Treatment Plant Model (STPWIN). United States Environmental Protection Agency, Washington, DC.* | | | | |