

3745-270-32

## NEW APPENDIX

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## Appendix to rule 3745-270-32 of the Administrative Code

List of Halogenated Organic Compounds (HOCs)  
Regulated Under This Rule

In determining the concentration of HOCs in a hazardous waste for purposes of the land disposal prohibition in this rule, Ohio EPA has defined the HOCs that must be included in a calculation as any compounds having a carbon-halogen bond which are listed in this appendix. This includes the following compounds:

## I. Volatiles

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|---------------------------------|--------------------------------|
| 1. Bromodichloromethane         | 19. 1,1-Dichloroethylene       |
| 2. Bromomethane                 | 20. Trans-1,2-Dichloroethene   |
| 3. Carbon Tetrachloride         | 21. 1,2-Dichloropropane        |
| 4. Chlorobenzene                | 22. Trans-1,3-Dichloropropene  |
| 5. 2-Chloro-1,3-butadiene       | 23. cis-1,3-Dichloropropene    |
| 6. Chlorodibromomethane         | 24. Iodomethane                |
| 7. Chloroethane                 | 25. Methylene chloride         |
| 8. 2-Chloroethyl vinyl ether    | 26. 1,1,1,2-Tetrachloroethane  |
| 9. Chloroform                   | 27. 1,1,2,2-Tetrachloroethane  |
| 10. Chloromethane               | 28. Tetrachloroethene          |
| 11. 3-Chloropropene             | 29. Tribromomethane            |
| 12. 1,2-Dibromo-3-chloropropane | 30. 1,1,1-Trichloroethane      |
| 13. 1,2-Dibromomethane          | 31. 1,1,2-Trichloroethane      |
| 14. Dibromomethane              | 32. Trichloroethene            |
| 15. Trans-1,4-Dichloro-2-butene | 33. Trichloromonofluoromethane |
| 16. Dichlorodifluoromethane     | 34. 1,2,3-Trichloropropane     |
| 17. 1,1-Dichloroethane          | 35. Vinyl Chloride             |
| 18. 1,2-Dichloroethane          |                                |

## II. Semivolatiles

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|--------------------------------|--|
| 1. Bis(2-chloroethoxy)ethane   | 18. Hexachlorocyclopentadiene          |
| 2. Bis(2-chloroethyl)ether     | 19. Hexachloroethane                   |
| 3. Bis(2-chloroisopropyl)ether | 20. Hexachloropropene                  |
| 4. p-Chloroaniline             | 21. Hexachlorpropene                   |
| 5. Chlorobenzilate             | 22. 4,4'-Methylenebis(2-chloroaniline) |
| 6. p-Chloro-m-cresol           | 23. Pentachlorobenzene                 |
| 7. 2-Chloronaphthalene         | 24. Pentachloroethane                  |
| 8. 2-Chlorophenol              | 25. Pentachloronitrobenzene            |
| 9. 3-Chloropropionitrile       | 26. Pentachlorophenol                  |
| 10. m-Dichlorobenzene          | 27. Pronamide                          |
| 11. o-Dichlorobenzene          | 28. 1,2,4,5-Tetrachlorobenzene         |
| 12. p-Dichlorobenzene          | 29. 2,3,4,6-Tetrachlorophenol          |
| 13. 3,3'-Dichlorobenzidine     | 30. 1,2,4-Trichlorobenzene             |
| 14. 2,4-Dichlorophenol         | 31. 2,4,5-Trichlorophenol              |
| 15. 2,6-Dichlorophenol         | 32. 2,4,6-Trichlorophenol              |
| 16. Hexachlorobenzene          | 33. Tris(2,3-dibromopropyl)phosphate   |
| 17. Hexachlorobutadiene        |  |

## III. Organochlorine Pesticides

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|---------------|------------------------|
| 1. Aldrin     | 11. Endosulfan I       |
| 2. alpha-BHC  | 12. Endosulfan II      |
| 3. beta-BHC   | 13. Endrin             |
| 4. delta-BHC  | 14. Endrin aldehyde    |
| 5. gamma-BHC  | 15. Heptachlor         |
| 6. Chlorodane | 16. Heptachlor epoxide |
| 7. DDD        | 17. Isodrin            |
| 8. DDE        | 18. Kepone             |
| 9. DDT        | 19. Methoxychlor       |
| 10. Dieldrin  | 20. Toxaphene          |

## IV. Phenoxyacetic Acid Herbicides

1. 2,4-Dichlorophenoxyacetic acid
2. Silvex
3. 2,4,5-T

**V. Polychlorinated biphenyls (PCBs)**

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|-----------------|---------------------------------|
| 1. Aroclor 1016 | 5. Aroclor 1248                 |
| 2. Aroclor 1221 | 6. Aroclor 1254                 |
| 3. Aroclor 1232 | 7. Aroclor 1260                 |
| 4. Aroclor 1242 | 8. PCBs not otherwise specified |

**VI. Dioxins and Furans**

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|---------------------------------|--|
| 1. Hexachlorodibenzo-p-dioxins  | 5. Tetrachlorodibenzo-p-dioxins        |
| 2. Hexachlorodibenzofuran       | 6. Tetrachlorodibenzofuran             |
| 3. Pentachlorodibenzo-p-dioxins | 7. 2,3,7,8-Tetrachlorodibenzo-p-dioxin |
| 4. Pentachlorodibenzofuran      |  |