**APPENDIX 1-12: ECOTOX Mixture Studies (Chlorpyrifos)**

The following table provides a summary of the available studies from ECOTOX that were coded as MIXTURE studies. Studies were identified in the 2007, 2008, 2009, and 2013 ECOTOX refreshes. Each study went through a cursory review to determine whether it was appropriately coded as a MIXTURE study and, if so, which taxonomic groups were tested.

Y = Yes; N = No (this means the study did not include toxicity information related to a mixture even though it was identified as a MIXTURE study in ECOTOX); AH = Aquatic Herpetofauna; AI = Aquatic Invertebrate; AP = Aquatic Plant; B = Bird; F = Fish; M = Mammal; TH = Terrestrial Herpetofauna; TI = Terrestrial Invertebrate; TP = Terrestrial Plant

| **ECOTOX Study ID** | **Mixture study** | **Taxonomic Group** |
| --- | --- | --- |
| 303 | y | F, AI, AP |
| 6267 | y | AI |
| 18128 | y | AI |
| 20421 | Y | TI, AH, F, AI |
| 48426 | Y | AI |
| 48634 | y | F |
| 50181 | y | B |
| 54975 | Y | TP |
| 61087 | y | AI |
| 61088 | y | AI |
| 62046 | Y | AI |
| 62050 | y | AI |
| 62472 | y | AI |
| 62641 | y | TP |
| 63595 | y | TI |
| 63930 | Y | TI |
| 63962 | y | TI, TP |
| 64287 | y | TI,TP |
| 64812 | y | TI |
| 64955 | y | AI, TI |
| 66153 | y | TI |
| 66718 | y | TI |
| 67254 | y | TI |
| 67672 | y | F, AI, AP |
| 68422 | y | TP |
| 69387 | y | M |
| 69857 | n | TH |
| 69898 | y | TI |
| 70244 | y | TI |
| 70314 | y | TP |
| 70573 | y | TP |
| 70668 | y | TP |
| 70700 | y | TP |
| 70701 | y | TP |
| 70906 | y | TI |
| 71409 | y | TI |
| 71459 | y | TI |
| 72743 | y | F |
| 72746 | y | AI |
| 72763 | y | AI |
| 72805 | y | AI |
| 73531 | y | TP |
| 74134 | y | TI |
| 75041 | y | AH |
| 75347 | y | TP |
| 76880 | y | TI, TP |
| 77680 | y  | TP |
| 78162 | Y | TI |
| 78988 | Y | TI |
| 79402 | y | AI |
| 79782 | y | TP |
| 79785 | y | TI |
| 79797 | y | TI |
| 79806 | y | TP |
| 80447 | y | F |
| 81619 | Y | AP |
| 82449 | y | TI |
| 82474 | y | TP |
| 82733 | y | TP, TI |
| 83931 | y | M |
| 86668 | Y | TP |
| 86768 | y | M |
| 87626 | Y | TI |
| 87642 | y | M |
| 87879 | y | TI |
| 88109 | y | TI |
| 88271 | y | TI |
| 88372 | y | AI |
| 88664 | y | TI |
| 88787 | y | TI |
| 88821 | y | TI |
| 88833 | y | TI |
| 90506 | Y | TP |
| 91336 | y | TI |
| 91730 | y | AI |
| 92146 | y | TI |
| 92308 | y | TI |
| 92309 | y | TI |
| 92701 | Y | TI |
| 92880 | y | TI |
| 93106 | y | TI |
| 93276 | y | F, AI |
| 93279 | y | TI |
| 93335 | y | TP |
| 94275 | y | TP, TI |
| 95857 | y | TI |
| 96095 | y | TI |
| 99604 | y | AI |
| 100430 | y | TI |
| 101708 | y | M |
| 103315 | y | TI |
| 104492 | y | AI |
| 106286 | y | TI |
| 106859 | y  | TI |
| 107447 | y | TI |
| 107566 | y  | TI |
| 110060 | y | TI |
| 112014 | y | AI |
| 112602 | y | TI |
| 113006 | y | TI |
| 113440 | y | TI |
| 113458 | y | TI |
| 114293 | y | F |
| 114296 | y | AI, AP, F, AH |
| 114582 | y | AI |
| 117249 | y | M |
| 117830 | y | TI |
| 118133 | y | F |
| 119259 | y | F |
| 120176 | y | TI |
| 121115 | y | F |
| 121124 | y | AI |
| 121158 | y | TI |
| 121335 | y | TI, TP |
| 150200 | y | TI |
| 150334 | y | F |
| 150381 | y | TI |
| 150454 | y | TI |
| 150689 | y | TI |
| 150793 | y | TI |
| 151028 | y | TI |
| 153369 | y | TI |
| 153394 | y | TI |
| 153504 | y | TI |
| 153568 | y | TI |
| 153580 | y | TI |
| 153823 | y | F |
| 153872 | y | F |
| 154192 | y | TI |
| 154735 | N | TI |
| 154754 | y | TI, TP |
| 154800 | y | TI |
| 154813 | y | TI |
| 154982 | y | TI |
| 155226 | y | TI |
| 155227 | y | TI |
| 155344 | y | TI |
| 155752 | y | M |
| 155869 | y | TI |
| 156074 | y | F |
| 156150 | y | M |
| 156228 | y | M |
| 156378 | y | TI |
| 156579 | y | TP, TI |
| 156617 | y | TP, TI |
| 157400 | y | TI |
| 157547 | y | B |
| 157805 | y | AP, cyanobacteria |
| 157887 | y | TP |
| 157888 | y | TP |
| 157890 | y | TP |
| 157923 | y | TP |
| 158195 | y | AI |
| 158358 | N | TP |
| 159451 | y | M |
| 159581 | y | TI |
| 159775 | y | TP, TI |
| 159784 | y | F |
| 159785 | y | F |
| 159787 | y | F |
| 159789 | y | F |
| 159790 | y | AI |
| 159791 | y | F |
| 159861 | N | F |
| 159863 | y | AI |
| 159865 | y | AI |
| 159869 | y | F |
| 159871 | y | AH |
| 159882 | y | F |
| 159913 | y | F |
| 159925 | y | AI |
| 159930 | y | AI |
| 159932 | y | F |
| 159937 | y | AI |
| 160149 | y | F |
| 160170 | y | M |
| 160204 | y | M |
| 160205 | y | M |
| 160206 | y | M |
| 160222 | y | M |
| 160230 | y | AI |
| 160258 | y | soil microbes |
| 160286 | y | F |
| 160287 | y | F |
| 160293 | y | AI |
| 160306 | y | TI |
| 160311 | N | TI |
| 160312 | y | TI |
| 160324 | y | TI |
| 160329 | y | TP |
| 160330 | y | TI |
| 160347 | y | TP |
| 160358 | y | M |
| 160364 | y | M |
| 160365 | y | M |
| 160366 | y | M |
| 160367 | y | M |
| 160381 | y | M |
| 160382 | y | M |
| 160387 | y | M |
| 160402 | y | M |
| 160407 | y | M |
| 160414 | y | M |
| 160415 | y | M |
| 160416 | y | M |
| 160418 | y | M |
| 160435 | y | TP |
| 160443 | y | TP |
| 160490 | y | TI |
| 161127 | y | M |
| 162557 | y | M |
| 164773 | y | F |
| 164782 | y | F |
| 164800 | y | TI |
| 164801 | y | TI |
| 164819 | y | TI |
| 164824 | y | TI |
| 165011 | y | F |
| 165182 | y | AI |
| 165269 | y | F |
| 165275 | y | F |
| 167272 | y | TP |
| 167354 | y | TI |
| 167501 | y | M |
| 167564 | y | TI |
| 167579 | y | F |
| 167582 | y | M |
| 167584 | y | TI |
| 167586 | y | M |
| 167594 | y | M |
| 167604 | y | F |
| 167608 | y | M |
| 167624 | y | M |
| 167626 | y | F |
| 167643 | y | TI |
| 167647 | y | TI |
| 167673 | y | F |
| 167675 | y | F |
| 167682 | y | AI, AH, TH, AP |
| 167693 | N | bacteria |
| 167694 | y | M |
| 167698 | y | TI |
| 167709 | y | TI |
| 167719 | y | M |
| 167722 | N | AI, F |
| 167840 | y | TI |
| 167874 | y | AI |
| 167876 | y | F |
| 167878 | y | AI |