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Monsanto 8EHQ-0590-12734

Monsanto Company
800 N. Lindbergh Boulevard
St. Louis, Missouri 63167
Phone (314) 694-1000

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May 14, 1990

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Attention: Section 8(e) Coordinator

This letter is being provided to EPA pursuant to requirements in Section V.B.2.c. of the EPA/Monsanto Consent Agreement Docket No. 89-H-21. Enclosed (Enclosure KTA-1) is a listing of studies in Monsanto's possession that would have been reportable under TSCA 8(e) when initially received by Monsanto but have been submitted to EPA or published in the scientific literature prior to September 1, 1989. The studies on the enclosed list are therefore Known to the Administrator (KTA).

Also enclosed (Enclosure KTA-2) under separate cover is a confidential listing of studies that are in Monsanto's possession that are Known to the Administrator (KTA). For the purposes of this submission the entire KTA-2 enclosure is confidential.

If the Agency finds a need for public disclosure of the generic name and/or adverse effects associated with any of the confidential tests, Monsanto will, if requested, provide a sanitized copy of the appropriate Appendix of the KTA-2 list.

Sincerely,

J. R. Condray
Director, Regulatory Management

JRC/fka

Enclosure

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EPA/MONSANTO CONSENT AGREEMENT 89-H-1
SECTION V.B.2.c./V.B.6
STUDIES KNOWN TO THE ADMINISTRATOR

| Sub. # | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| 1 | IR -79-161 | Acetonitrile<br>Rat Teratology Pilot<br>75-05-8 | TSCATS Document # 878210775<br>FAAT 7:33-40, 1986 | 1 |
| | IR -79-162 | Acetonitrile<br>Rat Teratology<br>75-05-8 | FAAT 7:33-40, 1986 | |
| 2 | XX -85-077 | Acetonitrile<br>Rabbit Teratology<br>75-05-8 | TSCATS Document # 40-8446070 | 2 |
| 3 | MCA-77-025 | Acrylonitrile<br>Rat Teratology<br>107-13-1 | EPA-600/8-82-007F;study cited in document Fd. Cosmet. Toxicol.16:547,'78 | 3 |
| | MCA-77-025 | Acrylonitrile<br>Rat Teratology - Inhal<br>107-13-1 | EPA-600/8-82-007F;study cited in document Fd. Cosmet. Toxicol.16:547,'78 | |

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| Sub. # | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| 4 | MCA-77-025 | Acrylonitrile<br>Three Gen Rat Repro<br>107-13-1 | EPA-600/8-82-007F;study cited in document | 4 |
| 5 | BDN-77-027 | Acrylonitrile<br>Chronic Rat Oral<br>107-13-1 | EPA-600/8-82-007F;study cited in document | 5 |
| 6 | BDN-77-028 | Acrylonitrile<br>Chronic Rat Oral<br>107-13-1 | EPA-600/8-82-007F;study cited in document | 6 |
| 7 | BDN-77-029 | Acrylonitrile<br>Chronic Rat Oral<br>107-13-1 | EPA-600/8-82-007F;study cited in document | 7 |
| 8 | XX -90-9511 | Acrylonitrile<br>Chronic Rat Oral<br>107-13-1 | EPA-600/8-82-007F;study cited in document | 8 |

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| ıb. | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| | XX -90-9512 | Acrylonitrile<br>Chronic Rat Inhalation<br>107-13-1 | EPA-600/8-82-007F;study cited in document | 9 |
| | IR -79-165 | Adiponitrile<br>Rat Teratology Pilot<br>111-69-3 | TSCATS Document # 86-870000951<br>FAAT 7:33-40, 1986 | 1 |
| | IR -79-166 | Adiponitrile<br>Rat Teratology<br>111-69-3 | TSCATS Document # 86-870000952<br>FAAT 7:33-40, 1986 | |
| | BD -81-387 | Benzene<br>Female Rat Fertility<br>71-43-2 | TSCATS Document # FYI-AX-0481-0110 | 10 |
| | BD -81-388 | Benzene<br>Dominant Lethal<br>71-43-2 | TSCATS Document # FYI-AX-0481-0110 | 11 |

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| Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|
| IIS-76-131 | 1,3-Butadiene<br>Chronic Rat Inhalation<br>106-99-0 | EPA/600/8-85/004F;study cited in document<br>AIHA J 48:407-413, 1987 | 12 |
| IIS-76-131A | 1,3-Butadiene<br>Rat Teratology - Inhal<br>106-99-0 | EPA/600/8-85/004F;study cited in document | 13 |
| XX -90-9493 | Cyclohexanone<br>Rat Teratology Pilot<br>108-94-1 | TSCATS Document # 40-8366026 | 14 |
| BD -84X-091 | Cyclohexanone<br>Mouse Teratology - Inhal<br>108-94-1 | TSCATS Document # 40-8466096 | |
| BD -84X-092 | Cyclohexanone<br>Rat Teratology - Inhal<br>108-94-1 | TSCATS Document # 40-8366086 | |

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| b. Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|
| XX -86-9050 | Cyclohexanone<br>2 Gen Rat Repro<br>108-94-1 | TSCATS Document # 40-8666137 | 15 |
| HL -84-349 | Dibutyl Phenyl Phosphate<br>Two Gen Rat Repro<br>2528-36-1<br>2752-95-6<br>126-73-8 | TSCATS Document # 86-880000014 | 16 |
| IR -82-215 | Elemental Phosphorus<br>One Gen Rat Repro<br>7723-14-0 | 8EHQ-0889-0820;F.U. | 17 |
| IT -78-283 | 1,6-Hexane Diamine<br>Rat Teratology<br>124-09-4 | J Appl Tox 7:259-263,1987 | 18 |
| MC -81-165 | Chlorobenzene<br>Rat & Rabbit<br>Teratology Pilot Inh<br>108-90-7 | 4;810115 | 19 |

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| Sub. # | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| | XX -82-024 | Chlorobenzene<br>Rat & Rabbit<br>Teratology - Inhal<br>108-90-7 | TSCATS Document # 878211237<br>TAP 76:365-373, 1984 | |
| 21 | XX -86-9110 | Chlorobenzene<br>Two Gen Rat Repro<br>108-90-7 | TSCATS Document # 40-8620828<br>FAAT 9: 678-686, 1987 | 20 |
| 22 | HL -84-351 | MCS 1441<br><br>Two Gen Rat Repro<br>115-86-6<br>34364-42-6<br>38638-05-0 | TSCATS Document # 86-880000081 | 21 |
| 23 | IRD-77-110 | Maleic Anhydride<br>Rat Teratology<br>108-31-6 | TSCATS DOC # 878214774<br>FAAT 7:359-366, 1986 | 22 |
| 4 | IR -79-358 | Maleic Anhydride<br>Two Gen Rat Repro<br>108-31-6 | TSCATS Document # 878214777<br>FAAT 7:359-366, 1986 | |

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| ıb. | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| 5 | IR -81-364 | Monosodium Cyanurate Three Gen Rat Repro<br>108-80-5 | FIFRA; MRID # 00150286 Environ Hlth Pers 69:287-292, 1986 | 23 |
| 5 | IR -81-202 | Monsodium Cyanurate Rat Teratology<br>108-80-5 | FIFRA; MRID # 00105168 Environ Hlth Pers 69:287-292, 1986 | |
| 7 | XX -81-230 | o-Dichlorobenzene Rat & Rabbit Teratology Pilot Inh 95-50-1 | TSCATS Document # 878211374 | 24 |
| | XX -82-076 | o-Dichlorobenzene Rat & Rabbit Teratology - Inhal 95-50-1 | TSCATS Document # 40-8220561 FAAT 5: 190-202, 1985 | |
| 3 | XX -89-9473 | o-Dichlorobenzene<br>Two Gen Rat Repro 95-50-1 | Memo of G. Cox to OPTS, 1/13/89 | 25 |

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| Sub. # | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| 29 | ML -82-061 | o-Nitroaniline<br>Rat Teratology Pilot<br>88-74-4 | TSCATS Document # 878214235 | 26 |
| | ML -82-089 | o-Nitroaniline<br>Rat Teratology<br>88-74-4 | TSCATS Document # 868600002 | |
| 30 | XX -82-171 | para-Dichlorobenzene<br>Rabbit Teratology - Inhal<br>106-46-7 | TSCATS Document # 878214899<br>FAAT 5: 190-202, 1985 | 24 |
| 31 | XX -89-9466 | para-Dichlorobenzene<br>Two Gen Rat Repro<br>106-46-7 | Memo of G. Cox to OPTS, 1/13/89 | 27 |
| 32 | BD -79-207 | p-Nitroaniline<br>Rat Teratology Pilot<br>100-01-6 | TSCATS Document # 878211844<br>Tox of Nitroaromtics:61-85, 1985 | 28 |

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| ub. | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| | BD -79-326 | p-Nitroaniline<br>Rat Teratology<br><br>100-01-6 | TSCATS Document # 878211846<br>Tox of Nitroaromatics:61-85, 1985 | |
| 3 | BD -80-297 | p-Nitroaniline<br>Rabbit Teratology<br>Pilot<br>100-01-6 | TSCATS Document # 878211845<br>Tox of Nitroaromatics,61-85, 1985 | 28 |
| | BD -80-529 | p-Nitroaniline<br>Rabbit Teratology<br><br>100-01-6 | TSCATS Document # 878211841<br>Tox of Nitroaromatics,61-85, 1985 | |
| | BD -80-471 | p-Nitroaniline<br>Two Gen Rat Repro<br>100-01-6 | TSCATS Document # 878214176<br>Accepted; FAAT | 29 |
| | BD -79-208 | p-Nitrochlorbenzene<br>Rat Teratology Pilot<br><br>100-00-5 | TSCATS Document # 878211844<br>Tox of Nitroaromatics:61-85, 1985 | 28 |

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| Sub. # | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| | BD -79-327 | p-Nitrochlorbenzene<br>Rat Teratology<br><br>100-00-5 | Tox of Nitroaromatics:61-85, 1985 | |
| 36 | BD -80-530 | p-Nitrochlorbenzene<br>Rabbit Teratology<br><br>100-00-5 | Tox of Nitroaromatics,61-85, 1985 | 28 |
| 37 | IR -79-163 | Propionitrile<br>Rat Teratology Pilot<br>107-12-0 | FAAT 7:33-40, 1986 | 1 |
| | IR -79-164 | Propionitrile<br>Rat Teratology<br>107-12-0 | FAAT 7:33-40, 1986 | |
| 38 | IR -79-234 | Isodecyl diphenyl phosphate, diisodecyl<br>Rat Teratology Pilot<br>29761-21-5<br>51363-64-4<br>115-86-6 | TSCATS Document # 878211580<br><br>FAAT 7:138-143, 1986 | 30 |

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|---|---|---|---|
| IR -79-235 | p-t-Butylphenyldiphenyl<br>Rat Teratology Pilot<br>58803-37-3<br>115-86-6<br>65652-41-7<br>78-33-1 | 8/7/81; Memo of JPM to Newburg-Rinn. | 31 |
| ML -79-123 | Di(C7-9-11-alkyl) Phthalate<br>Chronic Rat Oral<br>39393-37-8 | TSCATS Document # 878214651 | 32 |
| IR -79-236 | Di(C7-9-11-alkyl) Phthalate<br>Rat Teratology Pilot<br>39393-37-8 | TSCATS Document # 878211488 | 33 |
| IR -80-014 | Di(C7-9-11-alkyl) Phthalate<br>Rat Teratology<br>39393-37-8 | TSCATS Document # 878211487 | |
| BD -81-244 | Dinonyl phthalate<br>Chronic Rat Oral<br>71549-78-5 | TSCATS Document # 86870000362 | 34 |

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| ıb. | Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|---|
| 3 | IR -80-232 | Dinonyl phthalate<br>Rat Teratology Pilot<br>71549-78-5 | TSCATS Document # 878211522 | 35 |
| | IR -80-382 | Dinonyl phthalate<br>Rat Teratology<br>71549-78-5 | TSCATS Document # 878211487 | |
| 44 | BT -72-116B | o-Benzyl-p-chlorophenol<br>One Gen Rat Repro<br>120-32-1 | TSCATS Document # 86-890000377 | 36 |
| 45 | BD -78-231 | o-Benzyl-p-chlorophenol<br>Rabbit Teratology<br>120-32-1 | TSCATS Document # 86-890000407 | 37 |
| 46 | MCA-77-026A | Styrene<br>Chronic Rat Inhalation<br>100-42-5 | EPA, ECAO-CIN-H115, 1987; study cited in document | 38 |

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| Monsanto Study No. | Compound Name & Study | Rationale for Reporting Exclusion | Appendix # |
|---|---|---|---|
| MCA-77-026C | Styrene<br>Rat & Rabbit Teratology - Inhal<br>100-42-5 | EPA, ECAO-CIN-H115, 1987; study cited in document Toxicology 11: 335-343, 1978 | 39 |
| MCA-77-026G | Styrene<br>Chronic Rat Oral<br>100-42-5 | EPA, ECAO-CIN-H115, 1987; study cited in document FAAT 5: 855-868, 1985 | 40 |
| MCA-77-026G | Styrene<br>Three Gen Rat Repro<br>100-42-5 | EPA, ECAO-CIN-H115, 1987; study cited in document FAAT 5: 855-868, 1985 | 40 |
| BD -86-378 | Biphenyl, Diphenyl oxide<br>Rat Teratology Pilot<br>92-52-4<br>101-84-8 | Memo of JRC to OTS, 6/9/89 | 41 |
| EPW8206 | Benzene<br>Mortality Study | Brit J. Ind. Medicine 1987, 44 365-381 382-395. | 42 |

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|---|---|---|---|---|
| 52 | PK-87-9193 | Diethylaniline 579-66-8<br><br>Chronic Rat | TSCA 8(e) 8EHQ-0290-0873 S. Submitted by Ethyl Corp. | 43 |
| 53 | BD-78-132 | Trichloropropane 96-18-4<br><br>One Gen Rat Repro | Published J. of Tox. & Envi. Health, 25:299-315, 1988 | 44 |
| 54 | BD-78-135 | Tetrachloropropane 13116-53-5<br><br>One Gen Rat Repro | Published J. of Tox. & Envi. Health, 25:317-128, 1988 | 45 |
| 55 | BD-82-025 | Trichloropropane 96-18-4<br><br>One Gen Rat Repro | Published J. of Tox. & Envi. Health, 25:299-315, 1988 | 44 |
| 56 | BD-82-027 | Tetrachloropropane 13116-53-5<br><br>One Gen Rat Repro | Published J. of Tox. & Envi. Health, 25:317-128, 1988 | 45 |