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CAS #: 001241-94-7 Name: 2-ETHYLHEXYL DIPHENYL PHOSPHATE

CAS #	Name	Study Purpose	Organism	Rte	Admin	Test	Ref
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RATS	ORAL	SNGL 1
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RATS	ORAL GAVG	SNGL 2

[Hazelton Laboratories, Inc.; Acute Oral - Rats Ten Compounds Final Report (1969), EPA Document No. 878211414, Fiche No. OTS0206274-1] Acute oral toxicity was evaluated in groups of 10 fasted male Holtzman Sprague-Dawley-derived rats administered single doses of 2-ethylhexyl diphenyl phosphate (Santicizer 141) in corn oil by oral gavage at levels of 50, 500 or 5000 mg/kg body weight. There were no mortalities and the LD50 was calculated to be greater than 5000 mg/kg. Clinical observations included slight depression in the 500 mg/kg group until 5 days post-dosing, and depression, labored respiration, hunched appearance, bloody crust on nose and urine stains up to 5 days post-dosing for the 5000 mg/kg group. Necropsy evaluations were not reported.

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1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RATS	ORAL	SNGL 3
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RATS	ORAL GAVG	MIXT 4
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RATS	ORAL	SNGL 5
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RATS	ORAL	SNGL 6
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RATS	ORAL GAVG	SNGL 7

[FMC Corporation; Acute Toxicity Study in Rats Administered 10 Materials (Final Report) with Cover Letter Dated 062669, (1969), EPA Doc. No. 40-6942188, Fiche No. OTS0519234] Acute oral toxicity was evaluated in 3 groups of 10 male Holzman Sprague-Dawley rats administered 2-ethylhexyl diphenyl phosphate (diluted in corn oil) by gavage at dose levels of 50, 500 and 5000 mg/kg of body weight. No mortalities were observed and the oral LD50 was estimated to be >5000 mg/kg. Clinical observations included depression and labored breathing (gross necropsy not reported).

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1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RATS	ORAL GAVG	SNGL 8

[FMC Corporation; Study of the Acute Oral Dose Range in Rats Administered One of 10 Materials (Final Report) with Cover Letter Dated 090869, (1969), EPA Doc. No. 40-6942189, Fiche No. OTS0519235] Acute oral toxicity was evaluated in 5 groups of 2 male Holzman Sprague-Dawley rats administered 2-ethylhexyl diphenyl phosphate (diluted in corn oil) by gavage at dose levels of 316, 1000, 3160, 10000 and 31600 mg/kg of body weight. No mortalities were observed and the LD50 value was estimated to be >31600 mg/kg. Clinical observations included depression, rapid respiration, hunching, soft feces and prostration (gross necropsy not conducted).

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1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	ATOX	MAMM	RABB	ORAL DIET	SNGL 9

[E.I. DuPont DeNemours & Co., Inc.; Toxicity Data on Cyclohexyl Diphenyl Phosphate Dated 011358, (1958), EPA Doc. No. 878221342, Fiche No. OTS0215203] Acute oral toxicity was evaluated in rabbits (number, sex and

strain not reported) administered single doses of cyclohexyl diphenyl phosphate at levels which were not reported. Mortality was observed (specific incidences not reported). The minimum lethal dose was 7.5 to 10.0 g/kg. Clinical observations included diarrhea, lethargy, and loss of appetite. Gross necropsy revealed liver damage and kidney congestion.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL GAVG SNGL 9
[E.I. DuPont DeNemours & Co., Inc.; Toxicity Data on Cyclohexyl Diphenyl Phosphate Dated 011358, (1958), EPA Doc. No. 878221342, Fiche No. OTS0215203] Acute oral toxicity was evaluated in rats (number, sex and strain not reported) administered single doses of cyclohexyl diphenyl phosphate at levels which were not reported. Mortality was observed (specific incidences not reported). The LD50 was 2.46 g/kg. Clinical observations included paralysis, halting gate, jerky head movements and curling effect when lifted by the tail. Gross necropsy revealed moderate liver and lung hyperemia.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL GAVG MIXT 10
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL GAVG MIXT 11
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB ORAL GAVG MIXT 11
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL GAVG MIXT 12
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL GAVG MIXT 13
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL MIXT 14
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL GAVG SNGL 15
[Monsanto; Study on the Minimum Lethal Oral Dose of Sanicizer 141 for Rats and Rabbits, (1958), EPA Doc. No. 40-5842738, Fiche No. OTS0519400] Acute oral toxicity was evaluated in 6 female and 4 male Sprague-Dawley albino rats administered 2-ethylhexyl diphenyl phosphate by gavage at dose levels of 5000, 7500, 10000, 15000, 20000 and 25000 mg/kg. Only the seven rats at the dose levels >7500 mg/kg died, and the minimum lethal dose was estimated to be within the range 7500-10000 mg/kg. Clinical observations included convulsions. Gross necropsy revealed liver and kidney congestion.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB ORAL GAVG SNGL 15
[Monsanto; Study on the Minimum Lethal Oral Dose of Sanicizer 141 for Rats and Rabbits, (1958), EPA Doc. No. 40-5842738, Fiche No. OTS0519400] Acute oral toxicity was evaluated in 3 female and 2 male New Zealand white rabbits administered 2-ethylhexyl diphenyl phosphate by gavage at dose levels of 10000, 13000, 17500, 20000 and 25000 mg/kg. One mortality was observed within 14 days of dosing at the dose level of 25000 mg/kg, and the minimum lethal dose was estimated to be within the range 20000-25000 mg/kg. Clinical observations included diarrhea, appetite loss and lethargy. Gross necropsy revealed gastrointestinal inflammation.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL GAVG SNGL 16
[Monsanto; Range Finding Acute Oral Toxicity Study in Rats Administered Santicizer 141, (1969), EPA Doc. No. 40-6942748, Fiche No. OTS0519410] Acute oral toxicity was evaluated in 18 female and 15 male Sprague-Dawley albino rats administered 2-ethylhexyl diphenyl phosphate by gavage at dose levels of 2000, 5010, 7940, 10000, 12600 and 15800 mg/kg. One mortality was observed at the 12600 mg/kg dose level and one at 15800 mg/kg, and the LD50 was not reported. Clinical observations included diarrhea, tremors and weakness. Gross necropsy revealed intestinal inflammation and hemorrhagic areas in the liver, lungs and kidneys.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS ORAL GAVG SNGL 17
[Monsanto Co., Acute Oral and Dermal Toxicity and Skin and Eye Irritation Studies Using Santicizer 141, (1971), EPA Doc. No. 40-7142754, Fiche No. OTS0519418] Acute oral toxicity was evaluated in 6 female and 5 male Sprague- Dawley albino rats administered 2-ethylhexyl diphenyl phosphate at dose levels of 1000, 2000, 3160, 5010, 7940, 12600, and 5 rats at 15800 mg/kg. No mortalities were observed, and the minimum lethal dose was estimated to be >15800 mg/kg. Clinical observations included reduced appetite. Gross necropsy revealed viscera which appeared normal.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB DERM SNGL 1
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB DERM SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB DERM SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB DERM MIXT 18
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB DERM MIXT 14
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB DERM SNGL 17
[Monsanto Co., Acute Oral and Dermal Toxicity and Skin and Eye Irritation Studies Using Santicizer 141, (1971), EPA Doc. No. 40-7142754, Fiche No. OTS0519418] Acute dermal toxicity was evaluated in 2 female and 2 male New Zealand white rabbits administered 2-ethylhexyl diphenyl phosphate on clipped intact skin at dose levels of 3160, 5010 and 7940 mg/kg. No mortalities were observed, and the minimum lethal dose was estimated to be >7940 mg/kg. Clinical observations included reduced appetite. Gross necropsy revealed viscera which appeared normal.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS INHL SNGL 19
[Monsanto Co.; Letter from Monsanto Co. to NIOSH in Response to the Critique of a Research Proposal Studying the Possible Health Effects of Organophosphate Esters, with Attachments, (1979), EPA Doc. No. 40-7942797, Fiche No. OTS0519464] Acute inhalation toxicity was evaluated in 5 rats (number, sex ratio and strain not reported) exposed to vapors of Santicizer 141 (2-ethylhexyl diphenyl phosphate) for a single 6-hour period (concentration levels, clinical observations and gross necropsy not reported). Mortality was observed in 3 of the 5 rats within 10 days of dosing.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS INHL SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RABB INHL SNGL 20
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS INHL MIXT 21
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM RATS INHL SNGL 22
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM MICE PARN INTP SNGL 19
[Monsanto Co.; Letter from Monsanto Co. to NIOSH in Response to the Critique of a Research Proposal Studying the Possible Health Effects of Organophosphate Esters, with Attachments, (1979), EPA Doc. No. 40-7942797, Fiche No. OTS0519464] Acute intraperitoneal toxicity was evaluated in mice (number, sex ratio and strain not reported) administered Santicizer 141 (2-ethylhexyl diphenyl phosphate) intraperitoneally (dose levels, clinical observations and gross necropsy not reported). The acute intraperitoneal LD50 was reported to be 930 mg/kg.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM MICE PARN INTP MIXT 23
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX MAMM MICE PARN INTP SNGL 24
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX BIRD ORAL SNGL 1
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE ATOX BIRD ORAL GAVG MIXT 25

1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX MAMM RATS ORAL MIXT 26
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX MAMM RATS ORAL DIET SNGL 27
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX MAMM RATS ORAL DIET SNGL 28
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX MAMM RATS ORAL GAVG MIXT 12
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX BIRD ORAL SNGL 1
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX BIRD ORAL GAVG MIXT 29
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX BIRD ORAL SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX BIRD ORAL MIXT 30
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE STOX BIRD ORAL GAVG MIXT 25
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DSEN MAMM HUMN DERM MIXT 31
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DSEN MAMM HUMN DERM MIXT 32
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DSEN MAMM HUMN DERM MIXT 33
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DSEN MAMM HUMN DERM SNGL 34
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DSEN MAMM HUMN DERM SNGL 35
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM HUMN DERM SNGL 19
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM RABB DERM SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM HUMN DERM SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM RABB DERM SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM RABB DERM SNGL 9
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM HUMN DERM MIXT 31
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM HUMN DERM MIXT 32
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM RABB DERM MIXT 36
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM RABB DERM MIXT 14
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM HUMN DERM SNGL 34
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM RABB DERM SNGL 17
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE DIRR MAMM HUMN DERM SNGL 35
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE EIRR MAMM RABB DERM SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE EIRR MAMM RABB DERM SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE EIRR MAMM RABB DERM SNGL 9
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE EIRR MAMM RABB DERM MIXT 37
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE EIRR MAMM RABB DERM MIXT 14
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE EIRR MAMM RABB DERM SNGL 17
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE RTOX MAMM RATS ORAL GAVG SNGL 38

[Monsanto; Pilot Teratology Study in Rats Administered Santicizer 141, (1981), EPA Doc. No. 40-8142817, Fiche No. OTS0519484] Reproductive toxicity was evaluated in groups of 5 pregnant Charles River CD rats adminstered Santicizer 141 by gavage at doses of 0, 250, 500, 1000, 2500 and 5000 mg/kg on days 6-15 of gestation. Surviving animals were sacrificed on gestation day 20. Mortality was observed in 1 rat in the 5000 mg/kg group. Signs of maternal toxicity included: dried red matter on the nose and/or forepaws (1000, 2500, and 5000 mg/kg); wet, matted and/or yellow stained hair in the anogenital region of rats (1000, 2500, and 5000 mg/kg); and reduced body weights (all dose groups). There were no significant differences between contol and dose groups with respect to implantations, early and late resorptions, the mean number of viable fetuses, and corpora lutea.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE RTOX MAMM RATS ORAL DIET SNGL 39
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE RTOX MAMM RATS ORAL GAVG SNGL 6

[Monsanto Chem. Co.; Letter & Attachments from Monsanto Chemical Company to the USEPA Regarding the Response of the Industry AD HOC Aryl Phosphate Esters Committee to the USEPA's ANAR on Aryl Phosphate, (1984), EPA Doc. 40-8442845, Fiche No. OTS0518923] Reproductive toxicity was evaluated in 3 groups of 25 mated Charles River COBS CD female rats receiving, via oral

gavage, 2- ethylhexyl diphenyl phosphate (santicizer 141) at dose levels of 300, 1000, and 3000 mg/kg/day on gestation days 6 through 15. There was 100% survival in the controls and all treatment groups. Clinical observations included treatment-related increased incidence of yellow staining or matting on the ventral, angogenital, or inguinal areas. Fissuring, primarily in the inguinal area, was also noted in high-dosed dams, along with oral, ocular or vaginal discharges and rales. Maternal body weight gain was reduced among mid- and high-dosed animals. Occurences of extra rudimentary ribs or unossified structures were not considered treatment-related since the respective values fell within the range of historical controls.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE RTOX TERA MAMM RATS ORAL GAVG MIXT 12
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE RTOX TERA MAMM RATS ORAL GAVG SNGL 40
[Monsanto Chem. Co.; 2-Ethylhexyl Diphenyl Phosphate (Santicizer 141), Isodecyl Diphenyl Phosphate (Santicizer 148) & T- butylphenyl Diphenyl Phosphate (Santicizer 154) Health & Safety Studies With Letter, (1981), EPA Doc. 40-8142815, Fiche No. OTS0518896] Teratogenicity was evaluated in 3 groups of 25 mated Charles River COBS CD female rats receiving, via oral gavage, 2- ethylhexyl diphenyl phosphate (santicizer 141) at dose levels of 300, 1000, and 3000 mg/kg/day on gestation days 6 through 15. There was 100% survival in the controls and all treatment groups. Clinical observations included dose-related increased yellow staining or matting on the ventral, anogenital, or inguinal areas. Fissuring, primarily in the inguinal area, was noted in 5 dams at 3000 mg/kg/day. Oral, ocular or vaginal discharges, and rales were observed at 3000 mg/kg/day. Maternal body weight gains were slightly reduced among mid- and high-dose animals. Occurrences of extra rudimentary ribs or unossified sternebrae were not considered treatment-related since the respective values fell within the range of historical controls.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX CHRM MAMM RATS ORAL GAVG SNGL 41
The frequency of chromosome aberrations was determined in the bone marrow cells of Sprague-Dawley rats exposed by oral gavage to a single dose of 2-ethylhexyl diphenyl phosphate. Forty eight animals per group (24 male and 24 female) received dosages of 0, 1500, 5000 and 15000 mg/kg test article in corn oil. Statistically significant (KW-ANOVA, $p < 0.05$) differences in the percent aberrant cells, mean number of aberrations per cell, mean mitotic index, or mean modal number were not observed at any dose level. The dose levels were chosen based on the results of a preliminary range finding study and the previously determined LD50. Clinical observations of dose related toxicity during the test included soft feces, urine stains, depression, rough coat, red stains on nose and eyes, hunching and decreased body weights. Additionally, mortality was observed in five animals in the mid dose group. [Hazleton Laboratories, Inc.; In Vivo Bone Marrow Chromosome Study in Rats Santicizer 141 Plasticizer, Final Report (1984), EPA Document No. 878214652, Fiche No. OTS0206604]

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA MAMM MICE INVR SNGL 19
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA MAMM MICE INVR SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA MAMM MICE INVR SNGL 42
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA MAMM MICE INVR SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA MAMM MICE INVR SNGL 43

[Monsanto; Letter From Monsanto to the USEPA Regarding Submitted Health Effects Studies on Aryl Phosphate Esters, (1979), EPA Doc. No. 40-7942802, Fiche No. OTS0519470] The ability of Santicizer 141 to induce specific locus mutations at the TK locus in cultured L5178Y mouse lymphoma cells (Mouse Lymphoma Mutagenesis Assay) was evaluated in both the presence and absence of added metabolic activation from Aroclor-induced rat liver S9 fraction. The concentrations at which the test material was evaluated were not reported. Santicizer 141 did not induce mutations at the TK locus, either with or without metabolic activation.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA MAMM MICE INVR SNGL 44
[Monsanto; Twenty Health Effect Studies From Monsanto, (1980), EPA Doc. No. 40-8042807, Fiche No. OTS0519476] The ability of Santicizer 141 to induce specific locus mutations at the TK locus in cultured L5178Y mouse lymphoma cells (Mouse Lymphoma Mutagenesis Assay) was evaluated in both the presence and absence of Aroclor-induced rat liver S9 fraction. Based on preliminary toxicity tests, 5 non-activated cultures were treated with 0.002, 0.003, 0.006, 0.013, or 0.025 ul/ml, producing a range of 32.7 to 18.7% relative growth. Five S9-activated cultures treated with 0.006, 0.013, 0.025, 0.050, or 0.075 ul/ml produced a range of 43.2 to 20.6% relative growth. None of the activated or non-activated cultures produced mutant frequencies significantly greater than the solvent (DMSO) control.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA BACT INVR SNGL 19
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA BACT INVR SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA BACT INVR SNGL 42
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA BACT INVR SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA BACT INVR SNGL 43
[Monsanto; Letter From Monsanto to the USEPA Regarding Submitted Health Effects Studies on Aryl Phosphate Esters, (1979), EPA Doc. No. 40-7942802, Fiche No. OTS0519470] The mutagenicity of Santicizer 141 was evaluated in Salmonella tester strains TA98, TA100, TA1535, TA1537, and TA1538 (Ames Test) and in Saccharomyces cerevisiae (D4) both in the presence and absence of added metabolic activation. The concentrations at which the test material was tested for mutagenicity were not reported. Santicizer 141 was not mutagenic in any of the tester strains, either with or without metabolic activation.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA BACT INVR SNGL 44
[Monsanto; Twenty Health Effect Studies From Monsanto, (1980), EPA Doc. No. 40-8042807, Fiche No. OTS0519476] The mutagenicity of Santicizer 141 was evaluated in Salmonella tester strains TA98, TA100,TA1535, TA1537, and TA1538 (Ames Test) and in Saccharomyces cerevisiae (D4), both in the presence and absence of Aroclor-induced rat liver S9 fraction. Based on the results of preliminary toxicity tests, Santicizer 141 was tested for mutagenicity at concentrations of 0.01, 0.1, 1.0, 5.0 or 10.0 ul/plate using the direct plate incorporation method. Santicizer 141 did not cause a reproducible positive response in any of the tester strains, either with or without metabolic activation.

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1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA YEST INVR SNGL 19
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA YEST INVR SNGL 5
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA YEST INVR SNGL 42
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO HE GTOX MUTA YEST INVR SNGL 43

1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	GTOX	MUTA	YEST	INVR	SNGL 44
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	NEUR	BIRD	ORAL	SNGL	6
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	HE	NEUR	BIRD	ORAL	GAVG	SNGL 45
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		SNGL	19
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		SNGL	46
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		SNGL	47
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		SNGL	48
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		MIXT	49
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		SNGL	50
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		MIXT	51
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		SNGL	52
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	ALGA		SNGL	53
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	54
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	55
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	56
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	57
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	19
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	46
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	58
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	6
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	47
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	59
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	60
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	61
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	48
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	62
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	63
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	64
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	50
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	65
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	66
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	52
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		SNGL	53
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	FFRE		MIXT	67
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	55
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	68
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	69
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	70
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	46
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	71
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	72
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	6
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	73
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	47
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	48
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	74
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	75
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		MIXT	76
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	50
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	66
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	52
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	40
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INVE		SNGL	53
1241-94-7	2-ETHYLHEXYL DIPHENYL PHO	EE	ATOX	INSE		SNGL	47

1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE ATOX INSE MIXT 77
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 55
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 46
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 78
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 47
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 48
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 50
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 52
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX FFRE SNGL 53
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 55
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE MIXT 79
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 46
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 78
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE MIXT 73
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 47
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 48
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 52
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 40
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CTOX INVE SNGL 53
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CLIF FFRE MIXT 61
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE CLIF FFRE MIXT 80
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE ECOS MIXT 81
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EE TCON FFRE SNGL 82
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 83
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 83
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 55
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 55
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 46
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 46
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 6
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 47
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 47
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE HLAW MIXT 84
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE HLAW SNGL 85
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 48
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 48
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 50
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 50
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 52
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 52
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE WSOL SNGL 53
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PCHE PART SNGL 53
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG MIXT 81
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG SNGL 83
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG MIXT 86
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG SNGL 87
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG SNGL 47
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG MIXT 88
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG MIXT 89
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG SNGL 50
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BDEG SNGL 90

1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BIOC SNGL 55
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BIOC SNGL 82
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BIOC SNGL 87
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BIOC SNGL 91
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF BIOC SNGL 53
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PHOT MIXT 92
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF MONT 55
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF MONT 93
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF MONT 94
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF MONT 46
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF MONT 47
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF MONT 95
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF MONT 96
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF MONT 97
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PROD 98
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PROD 99
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PROD 100
1241-94-7 2-ETHYLHEXYL DIPHENYL PHO EF PROD 101

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** Number of studies = 216 *
** Number of references = 101

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1- 16844 EVALUATION OF DELAYED NEUROTOXICITY AND DOSE-RESPONSE RELATIONSHIPS OF PHOSPHATE ESTERS IN THE ADULT HEN PREPARED BY MONSANTO CO WITH COVER LETTER
U.S. EPA/OPTS Public Files
Fiche #: OTS0205858
Doc#: 878211730 Old#: 8DS Sect: 8D
Produced: 04/15/77 MONSANTO CO
Received: 02/04/83 E I DUPONT DENEMOURS & CO INC
Chem: ARYL PHOSPHATES

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2- 18500 ACUTE ORAL - RATS TEN COMPOUNDS FINAL REPORT WITH COVER MEMO
U.S. EPA/OPTS Public Files
Fiche #: OTS0206274 Loc: 1;5 - 1;5 (14)
Doc#: 878211414 Old#: 8DS Sect: 8D
Produced: 06/11/69 HAZLETON LABS INC
Received: 12/03/82 FMC CORP
Chem: ARYL PHOSPHATES

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3- 18501 ACUTE ORAL DOSE RANGE - RATS TOXICITY OF PHOSPHATE ESTERS (MG/KG,RAT) WITH COVER MEMO
U.S. EPA/OPTS Public Files
Fiche #: OTS0206274 Loc: 1;6 - 1;6 (14)
Doc#: 878211415 Old#: 8DS Sect: 8D
Produced: 09/08/69 HAZLETON LABS INC
Received: 12/03/82 FMC CORP
Chem: ARYL PHOSPHATES

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4- 450700 INITIAL SUBMISSION: ACUTE ORAL TOXICITY OF SANTICIZER 141 IN RATS WITH COVER LETTER DATED 082592
U.S. EPA/OPTS Public Files
Fiche #: OTS0571414
Doc#: 88-920009764 Old#: 8EHQ-0992-11483 Sect: 8ECP

Produced: 03/18/69 YOUNGER LABORATORIES
Received: 09/01/92 MONSANTO CO
Chem: SANTICIZER 141

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5- 16845 TOXICITY INFORMATION ON: SANITICIZER 141 ALKYLARYL PHOSPHATE
U.S. EPA/OPTS Public Files
Fiche #: OTS0205858
Doc#: 878211731 Old#: 8DS Sect: 8D
Produced: 04/25/77 MONSANTO CO
Received: 02/04/83 E I DUPONT DENEMOURS & CO INC
Chem: ARYL PHOSPHATES

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6- 403382 LETTER & ATTACHMENTS FROM MONSANTO CHEMICAL COMPANY TO THE USEPA REGARDING THE RESPONSE OF THE INDUSTRY AD HOC ARYL PHOSPHATE ESTERS COMMITTEE TO THE USEPA'S ANAR ON ARYL PHOSPHATE
U.S. EPA/OPTS Public Files
Fiche #: OTS0518923
Doc#: 40-8442845 Old#: 42038 B3-627 Sect: 4
Produced: 02/24/84
Received: 02/24/84 MONSANTO CHEM CO
Chem: TRICRESYL PHOSPHATE

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7- 312728 ACUTE TOXICITY STUDY IN RATS ADMINISTERED 10 MATERIALS (FINAL REPORT) WITH COVER LETTER DATED 062669
U.S. EPA/OPTS Public Files
Fiche #: OTS0519234
Doc#: 40-6942188 Old#: 42038 B3-268B Sect: 4
Produced: 06/26/69 HAZLETON LABORATORIES
Received: 12/03/82 FMC CORPORATION
Chem: ARYL PHOSPHATES

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8- 312730 STUDY ON THE ACUTE ORAL DOSE RANGE IN RATS ADMINISTERED ONE OF 10 MATERIALS (FINAL REPORT) WITH COVER LETTER DATED 090869
U.S. EPA/OPTS Public Files
Fiche #: OTS0519235
Doc#: 40-6942189 Old#: 42038 B3-268C Sect: 4
Produced: 09/08/69 HAZLETON LABS
Received: 12/03/82 FMC CORPORATION
Chem: ARYL PHOSPHATES

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9- 19731 TOXICITY DATA ON CYCLOHEXYL DIPHENYL PHOSPHATE
U.S. EPA/OPTS Public Files
Fiche #: OTS0215203
Doc#: 878221342 Old#: 8DS Sect: 8D
Produced: 01/13/58
Received: 02/04/83 E I DUPONT DENEMOURS & CO INC
Chem: ARYL PHOSPHATES

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10- 19329 TOXICOLOGICAL INVESTIGATION OF: SANTICIZER 141 -LOT NUMBER Q K 735
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 38;1 - 38;1 (48)
Doc#: 878211116 Old#: 8DM Sect: 8D
Produced: 03/18/69 YOUNGER LABS

Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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11- 19332 THE MINIMUM LETHAL ORAL DOSE SANTICIZER 141 FOR RATS AND RABBITS
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 38;4 - 38;4 (48)
Doc#: 878211119 Old#: 8DM Sect: 8D
Produced: 01/19/58 YOUNGER LABS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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12- 19333 PILOT TERATOLOGY STUDY IN RATS (IR-79-239)
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 38;5 - 38;6 (48)
Doc#: 878211120 Old#: 8DM Sect: 8D
Produced: 01/19/81 INTL RES & DEV CORP
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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13- 33874 ACUTE ORAL TOXICITY STUDY IN RATS WITH COVER MEMO & LETTER DATED 081685
U.S. EPA/OPTS Public Files
Fiche #: OTS0206843
Doc#: 878216146 Old#: 8DM Sect: 8D
Produced: 06/18/85 BIODYNAMICS INC
Received: 08/16/85 MONSANTO CO
Chem: ARYL PHOSPHATES

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14- 19340 TOXICOLOGICAL INVESTIGATION OF: SANTICIZER 141--DA-25
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 39;7 - 39;7 (48)
Doc#: 878211127 Old#: 8DM Sect: 8D
Produced: 08/04/71 YOUNGER LABS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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15- 313058 STUDY ON THE MINIMUM LETHAL ORAL DOSE OF SANTICIZER 141 FOR RATS AND RABBITS
U.S. EPA/OPTS Public Files
Fiche #: OTS0519400
Doc#: 40-5842738 Old#: 42038 B3-521 Sect: 4
Produced: 00/00/00 YOUNGER LABS
Received: 00/00/00 MONSANTO
Chem: SANTICIZER 141

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16- 313078 RANGE FINDING ACUTE ORAL TOXICITY STUDY IN RATS ADMINISTERED SANTICIZER 141
U.S. EPA/OPTS Public Files
Fiche #: OTS0519410
Doc#: 40-6942748 Old#: 42038 B3-531 Sect: 4
Produced: 03/18/69 YOUNGER LABS
Received: 00/00/00 MONSANTO
Chem: SANTICIZER 141

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17- 313094 ACUTE ORAL AND DERMAL TOXICITY AND SKIN AND EYE IRRITATION STUDIES USING SANTICIZER 141
U.S. EPA/OPTS Public Files
Fiche #: OTS0519418
Doc#: 40-7142754 Old#: 42038 B3-539 Sect: 4
Produced: 08/04/71 YOUNGER LABS
Received: 01/18/83 MONSANTO
Chem: SANTICIZER 141

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18- 33875 ACUTE DERMAL TOXICITY STUDY IN RABBITS
U.S. EPA/OPTS Public Files
Fiche #: OTS0206843
Doc#: 878216147 Old#: 8DM Sect: 8D
Produced: 06/18/85 BIODYNAMICS
Received: 08/16/85 MONSANTO CO
Chem: ARYL PHOSPHATES

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19- 313186 LETTER FROM MONSANTO CO TO NIOSH IN RESPONSE TO THE CRITIQUE OF A RESEARCH PROPOSAL STUDYING THE POSSIBLE HEALTH EFFECTS OF ORGANOPHOSPHATE ESTERS, WITH ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0519464
Doc#: 40-7942797 Old#: 42038 B3-582 Sect: 4
Produced: 04/04/79
Received: 00/00/00 MONSANTO
Chem: ARYL PHOSPHATES

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20- 432766 INITIAL SUBMISSION: 2-ETHYLHEXYL DIPHENYL PHOSPHATE: TOXICOLOGICAL INVESTIGATIONS IN RATS WITH COVER LETTER DATED 081792
U.S. EPA/OPTS Public Files
Fiche #: OTS0545490
Doc#: 88-920007151 Old#: 8EHQ-0892-8508 Sect: 8ECP
Produced: 02/23/70 YOUNGER LABORATORIES
Received: 08/28/92 MONSANTO CO
Chem: 2-ETHYLHEXYL DIPHENYL PHOSPHATE

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21- 19342 TOXICOLOGICAL INVESTIGATION OF: SANTICIZER 141 -LOT NUMBER QI-101
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 40;2 - 40;2 (48)
Doc#: 878211129 Old#: 8DM Sect: 8D
Produced: 02/23/70 YOUNGER LABS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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22- 313080 ACUTE INHALATION TOXICITY STUDY IN RATS EXPOSED TO SANTICIZER 141
U.S. EPA/OPTS Public Files
Fiche #: OTS0519411
Doc#: 40-7042749 Old#: 42038 B3-532 Sect: 4
Produced: 02/23/70 YOUNGER LABORATORIES
Received: 01/18/83 MONSANTO
Chem: SANTICIZER 141

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23- 19341 TOXICOLOGICAL INVESTIGATION OF: SANTICIZER 141--LOT NUMBER QK735
U.S. EPA/OPTS Public Files

Fiche #: OTS0206227 Loc: 40;1 - 40;1 (48)
Doc#: 878211128 Old#: 8DM Sect: 8D
Produced: 01/18/71 YOUNGER LABS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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24- 313084 ACUTE DERMAL TOXICITY STUDY IN MICE ADMINISTERED SANTICIZER 141
U.S. EPA/OPTS Public Files
Fiche #: OTS0519413
Doc#: 40-7142751 Old#: 42038 B3-534 Sect: 4
Produced: 01/18/71 YOUNGER LABS
Received: 01/18/83 MONSANTO
Chem: SANTICIZER 141

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25- 19264 NEUROTOXICITY STUDY WITH PYDRAUL 29E LT IN CHICKENS
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 16;7 - 17;1 (48)
Doc#: 878212331 Old#: 8DM Sect: 8D
Produced: 01/19/73 INDUS BIOTEST LABS INC
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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26- 404257 LETTER FROM MONSANTO CHEM CO NOTIFYING USEPA OF 2-ETHYLHEXYL DIPHENYL PHOSPHATE STUDY INITIATED 1ST QUARTER OF 1989 ESTIMATED COMPLETION DATE 1ST QUARTER OF 1990 W-LETTER 072189
U.S. EPA/OPTS Public Files
Fiche #: OTS0520789
Doc#: 86-890001283 Old#: Sect: 8D
Produced: 07/21/89 BR INST BIOL RES LABS
Received: 07/25/89 MONSANTO CHEM CO
Chem: 2-ETHYLHEXYL DIPHENYLPHOSPHATE (1241-94-7)

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27- 415544 THE EFFECT OF 2-ETHYLHEXYL DIPHENYL PHOSPHATE ON RAT HEPATIC PEROXISOMES WITH COVER LETTER DATED 050991
U.S. EPA/OPTS Public Files
Fiche #: OTS0529442
Doc#: 86-910000810 Old#: Sect: 8D
Produced: 02/12/88
Received: 05/14/91 MONSANTO CO
Chem: 2-ETHYLHEXYL DIPHENYL PHOSPHATE (1241-94-7)

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28- 427287 A 90-DAY FEEDING STUDY WITH 2-ETHYLHEXYLDIPHENYL PHOSPHATE IN RATS (FINAL REPORT) WITH COVER LETTER DATED 070192 & ATTACHMENT
U.S. EPA/OPTS Public Files
Fiche #: OTS0540107 Loc: 1;1 - 1;7 (6)
Doc#: 86-920000978 Old#: Sect: 8D
Produced: 03/31/92 BIBRA TOXICOLOGY INTL
Received: 07/06/92 MONSANTO CO
Chem: 2-ETHYLHEXYLDIPHENYL PHOSPHATE (1241-94-7)

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29- 18495 NEUROTOXICITY STUDY IN HENS ON COMMERCIALLY AVAILABLE PHOSPHATE ESTER PRODUCTS II MONSANTO
U.S. EPA/OPTS Public Files
Fiche #: OTS0206274 Loc: 14;4 - 14;5 (14)

Doc#: 878210587 Old#: 8DM Sect: 8D
Produced: 04/06/77
Received: 12/03/82 FMC CORP
Chem: ARYL PHOSPHATES

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30- 18685 TOXICITY OF TRIARYL PHOSPHATES
U.S. EPA/OPTS Public Files
Fiche #: OTS0206297
Doc#: 878213757 Old#: 8DM Sect: 8D
Produced: 06/03/75 FMC-INDUS CHEM DIV
Received: 12/03/82 FMC CORP
Chem: ARYL PHOSPHATES

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31- 19330 TWO APPLICATION PATCH TEST
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 38;2 - 38;2 (48)
Doc#: 878211117 Old#: 8DM Sect: 8D
Produced: 05/17/68 INDUS BIOLOGY RES & TESTING LA
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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32- 19331 RESULTS OF INSULT PATCH TEST STUDY WITH MONSANTO CHEMICAL COMPANY-DYTROL WITH COVER LETTER
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 38;3 - 38;3 (48)
Doc#: 878211118 Old#: 8DM Sect: 8D
Produced: 06/11/59 INDUS BIOLOGY RES & TESTING LA
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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33- 433389 INITIAL SUBMISSION: PLASTICIZER 921: DERMAL SENSITIZATION STUDY WITH COVER LETTER DATED 080792
U.S. EPA/OPTS Public Files
Fiche #: OTS0546096
Doc#: 88-920008101 Old#: 8EHQ-0892-9799 Sect: 8ECP
Produced: 03/06/70
Received: 08/27/92 MONSANTO CO
Chem: PLASTICIZER 921

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34- 313070 A TWO APPLICATION SKIN PATCH TEST IN HUMANS ADMINISTERED SANTICIZER 141
U.S. EPA/OPTS Public Files
Fiche #: OTS0519406
Doc#: 40-6842744 Old#: 42038 B3-527 Sect: 4
Produced: 03/25/68 INDUST. BIOL RESEARCH & TEST
Received: 00/00/00 MONSANTO
Chem: SANTICIZER 141

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35- 18578 TWO APPLICATION PATCH TEST SANTICIZER 148, 160; DOP GOODRICH AND SANTICIZER 141 WITH COVER LETTER
U.S. EPA/OPTS Public Files
Fiche #: OTS0206295
Doc#: 878211577 Old#: 8DM Sect: 8D
Produced: 05/17/68 FOOD & DRUG RES LABS

Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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36- 33876 PRIMARY DERMAL IRRITAION STUDY IN RABBITS (4-AND 24- HOUR EXPOSURE)
U.S. EPA/OPTS Public Files
Fiche #: OTS0206843
Doc#: 878216148 Old#: 8DM Sect: 8D
Produced: 06/18/85 BIODYNAMICS INC
Received: 08/16/85 MONSANTO CO
Chem: ARYL PHOSPHATES

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37- 33877 EYE IRRITATION STUDY IN RABBITS
U.S. EPA/OPTS Public Files
Fiche #: OTS0206843
Doc#: 878216149 Old#: 8DM Sect: 8D
Produced: 06/18/85 BIODYNAMICS INC
Received: 08/16/85 MONSANTO CO
Chem: ARYL PHOSPHATES

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38- 313226 PILOT TERATOLOGY STUDY IN RATS ADMINISTERED SANTICIZER 141
U.S. EPA/OPTS Public Files
Fiche #: OTS0519484
Doc#: 40-8142817 Old#: 42038 B3-598A Sect: 4
Produced: 01/19/81 INTERNATIONAL RESEARCH & DEV
Received: 01/18/83 MONSANTO
Chem: SANTICIZER 141

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39- 424439 INITIAL SUBMISSION: A SINGLE GENERATION REPRODUCTION STUDY WITH 2-ETHYLHEXYL DIPHENYL PHOSPHATE (EHDP) IN RATS WITH COVER LETTER DATED 012293
U.S. EPA/OPTS Public Files
Fiche #: OTS0538371
Doc#: 88-930000142 Old#: 8EHQ-0193-8695 Sect: 8E
Produced: 12/18/92
Received: 01/25/93 MONSANTO
Chem: 2-ETHYLHEXYL DIPHENYL PHOSPHATE

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40- 403355 2-ETHYLHEXYL DIPHENYL PHOSPHATE (SANTICIZER 141), ISODECYL DIPHENYL PHOSPHATE (SANTICIZER 148) & T-BUTYLPHENYL DIPHENY PHOSPHATE (SANTICIZER 154) HEALTH & SAFETY STUDIES W-LETTER
U.S. EPA/OPTS Public Files
Fiche #: OTS0518896 Loc: 1;1 - 6;2 (6)
Doc#: 40-8142815 Old#: 42038 B3-600 Sect: 4
Produced: 08/07/81
Received: 08/12/81 MONSANTO CHEM CO
Chem: SANTICIZER 154

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41- 21737 IN VIVO BONE MARROW CYTOGENETICS STUDY OF SANTICIZER 141 PLASTICIZER IN THE RAT HL-83-209 (241-151) WITH COVER LETTER & COVER MEMO
U.S. EPA/OPTS Public Files
Fiche #: OTS0206604
Doc#: 878214652 Old#: 8DM Sect: 8D

Produced: 04/05/84
Received: 08/06/84 MONSANTO CO
Chem: ARYL PHOSPHATES

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42- 300958 SUMMARY OF THE MUTAGENICITY STUDY, NEUROTOXICITY STUDY, TERATOLOGY STUDY, LONG-TERM FEEDING STUDY AND 90 DAY INHALATION STUDY WHICH MONSANTO HAS ON THE ARYL PHOSPHATE
U.S. EPA/OPTS Public Files
Fiche #: OTS0512766
Doc#: 40-7942057 Old#: 42038 B2-56 Sect: 4
Produced: 12/14/79
Received: 00/00/00 MONSANTO CO
Chem: ARYL PHOSPHATES

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43- 313198 LETTER FROM MONSANTO TO THE USEPA REGARDING SUBMITTED HEALTH EFFECTS STUDIES ON ARYL PHOSPHATE ESTERS, WITH ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0519470
Doc#: 40-7942802 Old#: 42038 B3-586 Sect: 4
Produced: 12/14/79 INDUSTRIAL BIO-TEST LABS
Received: 00/00/00 MONSANTO
Chem: SANTICIZER 141

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44- 313210 TWENTY HEALTH EFFECT STUDIES FROM MONSANTO
U.S. EPA/OPTS Public Files
Fiche #: OTS0519476
Doc#: 40-8042807 Old#: 42038 B3-592 Sect: 4
Produced: 03/05/80 LITTON BIONETICS
Received: 00/00/00 MONSANTO
Chem: ARYL PHOSPHATES

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45- 312756 A NEUROTOXICITY STUDY IN HENS ADMINISTERED COMMERCIALLY AVAILABLE PHOSPHATE ESTER PRODUCTS (MONSANTO)
U.S. EPA/OPTS Public Files
Fiche #: OTS0519248
Doc#: 40-7742198 Old#: 42038 B3-271D Sect: 4
Produced: 04/06/77
Received: 12/03/82 FMC CORP
Chem: SANTICIZER 141

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46- 403361 LETTER FROM MONSANTO CHEMICAL COMPANY TO THE USEPA REGARDING ENVIRONMENTAL ASSESSMENT APPROACH WITH ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0518902
Doc#: 40-8142823 Old#: 42038 B3-606 Sect: 4
Produced: 11/12/81
Received: 11/16/81 MONSANTO CHEM CO
Chem: ARYL PHOSPHATES

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47- 300962 SUMMARY ON ADDITIONAL ENVIRONMENTAL TESTING OF PHOSPHATE ESTERS AND ATTACHED ENCLOSURES WITH COVER LETTER DATED 080781
U.S. EPA/OPTS Public Files
Fiche #: OTS0512768
Doc#: 40-8142058 Old#: 42038 B2-58 Sect: 4

Produced: 00/00/00
Received: 00/00/00 MONSANTO CO
Chem: ARYL PHOSPHATES

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48- 403366 LETTER FROM MONSANTO CHEMICAL COMPANY TO THE USEPA REGARDING THE BIOCONCENTRATION FACTORS FOR ARYL PHOSPHATES WITH ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0518907
Doc#: 40-8242828 Old#: 42038 B3-611 Sect: 4
Produced: 03/03/82
Received: 03/18/82 MONSANTO CHEM CO
Chem: ARYL PHOSPHATES

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49- 19335 TOXICITY OF S-141 (BN-79-1384348-1D) TO THE FRESHWATER ALGA SELENASTRUM CAPRICORNUTUM
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 39;1 - 39;1 (48)
Doc#: 878211122 Old#: 8DM Sect: 8D
Produced: 04/01/79 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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50- 403306 LETTER FROM USEPA TO THE MONSANTO CHEMICAL COMPANY REGARDING ENVIRONMENTAL MONITORING METHOD FOR WATER & SEDIMENT & ACUTE AND CHRONIC TOXICITY FOR AQUATIC ORGANISMS W-ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0518847
Doc#: 40-81421242 Old#: 42038 B3-1001 Sect: 4
Produced: 09/05/81
Received: 09/15/81 U S EPA
Chem: ARYL PHOSPHATES

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51- 433091 INITIAL SUBMISSION: TOXICITY OF S-141 TO THE FRESHWATER ALGA SELENASTRUM CAPRICORNUTUM WITH COVER LETTER DATED 081492
U.S. EPA/OPTS Public Files
Fiche #: OTS0545805
Doc#: 88-920007614 Old#: 8EHQ-0892-9290 Sect: 8ECP
Produced: 04/01/79 BIONOMICS MARINE RES LABS
Received: 08/28/92 MONSANTO CO
Chem: S-141

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52- 403370 LETTER AND ATTACHMENTS FROM MONSANTO CHEMICAL COMPANY TO THE USEPA
REGARDING THE INDUSTRY'S INTERPRETATION OF EXISTING BENTHIC TOXICITY DATA AND SEDIMENT ANALYSIS
U.S. EPA/OPTS Public Files
Fiche #: OTS0518911
Doc#: 40-8242832 Old#: 42038 B3-615 Sect: 4
Produced: 06/04/82
Received: 06/09/82 MONSANTO CHEM CO
Chem: 2-ETHYLHEXYL DIPHENYL PHOSPHATE

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53- 403513 LETTER FROM MONSANTO CHEMICAL COMPANY TO THE USEPA REGARDING DETECTION LIMITS FOR THE ARYL PHOSPHATE ESTERS WITH ATTACHMENTS

U.S. EPA/OPTS Public Files
Fiche #: OTS0520054
Doc#: 40-82421523 Old#: 42038 E1A-90 Sect: 4
Produced: 06/04/82
Received: 06/09/82 MONSANTO CHEM CO
Chem: ARYL PHOSPHATES

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54- 19283 ACUTE TOXICITY OF PYDRAUL 312C (BN-77-411B) TO FATHEAD MINNOW (PIMEPHALES PROMELAS).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 23;4 - 23;4 (48)
Doc#: 878212352 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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55- 403356 TOXICITY AND MONITORING TABLES FROM MONSANTO CHEMICAL COMPANY TO USEPA REGARDING SUMMARIZATION OF INDUSTRY'S POSITION ON ADDITIONAL ENVIRONMENTAL TESTING
U.S. EPA/OPTS Public Files
Fiche #: OTS0518897
Doc#: 40-8142818 Old#: 42038 B3-601 Sect: 4
Produced: 08/07/81
Received: 08/12/81 MONSANTO CHEM CO
Chem: ARYL PHOSPHATES

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56- 19286 ACUTE TOXICITY OF PYDRAUL MC (BN-77-412A) TO RAINBOW TROUT (SALMO GAIRDNERI).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 24;2 - 24;3 (48)
Doc#: 878212355 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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57- 19287 ACUTE TOXICITY OF PYDRAUL MC (BN-77-412B) TO FATHEAD MINNOW (PIMEPHALES PROMELAS).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 24;4 - 24;5 (48)
Doc#: 878212356 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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58- 19266 ACUTE TOXICITY OF PYDRAUL 29 ELT (BN-77-333) TO RAINBOW TROUT (SALMO GAIRDNERI).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 17;3 - 17;4 (48)
Doc#: 878212333 Old#: 8DM Sect: 8D
Produced: 02/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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59- 19267 ACUTE TOXICITY OF PYDRAUL 29 ELT (BN-77-332) TO BLUEGILL (LEPOMIS

MACROCHIRUS)
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 17;5 - 17;6 (48)
Doc#: 878212334 Old#: 8DM Sect: 8D
Produced: 02/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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60- 19268 ACUTE TOXICITY OF PYDRAUL 29 ELT (BN-77-467) TO FATHEAD MINNOW (PIMEPHALES PROMELAS).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 17;7 - 18;1 (48)
Doc#: 878212335 Old#: 8DM Sect: 8D
Produced: 02/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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61- 19327 THE TOXICITY OF SANTICIZER 141 TO EARLY LIFE STAGES OF RAINBOW TROUT (SALMO GAIRDNERI)
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 37;3 - 37;5 (48)
Doc#: 878211114 Old#: 8DM Sect: 8D
Produced: 02/25/81 MONSANTO ENVIR SCI SEC
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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62- 19334 ACUTE TOXICITY OF S-141 (AB-79-1384348-1B) TO RAINBOW TROUT (SALMO GAIRDNERI)
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 38;7 - 38;7 (48)
Doc#: 878211121 Old#: 8DM Sect: 8D
Produced: 03/12/79 ANALYTICAL BIO CHEMISTRY LABS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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63- 19337 RESULTS OF FOUR-DAY STATIC FISH TOXICITY STUDIES RAINBOW TROUT AND BLUEGILLS
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 39;3 - 39;3 (48)
Doc#: 878211124 Old#: 8DM Sect: 8D
Produced: 06/30/72 INDUS BIO TEST LABS INC
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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64- 19273 ACUTE TOXICITY OF PYDRAUL 230C (BN-77-410B) TO FATHEAD MINNOW (PIMEPHALES PROMELAS).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 20;5 - 20;6 (48)
Doc#: 878212342 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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65- 19275 ACUTE TOXICITY OF PYDRAUL 230C (BN-77-410A) TO RAINBOW TROUT

(SALMO GAIRDNERI).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 21;2 - 21;3 (48)
Doc#: 878212344 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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66- 403369 LETTER TO THE USEPA REGARDING COMMENT'S ON THE CORRESPONDENCE WITH MONSANTO CHEMICAL COMPANY WITH ATTACHMENT
U.S. EPA/OPTS Public Files
Fiche #: OTS0518910
Doc#: 40-8242831 Old#: 42038 B3-614 Sect: 4
Produced: 05/28/82
Received: 06/03/82 MONSANTO CHEM CO
Chem: ARYL PHOSPHATES

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67- 19282 ACUTE TOXICITY OF PYDRAUL 312C (BN-77-411A) TO RAINBOW TROUT (SALMO GAIRDNERI).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 23;2 - 23;3 (48)
Doc#: 878212351 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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68- 19284 ACUTE TOXICITY OF PYDRAUL 312C TO THE WATER FLEA (DAPHNIA MAGNA).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 23;5 - 23;6 (48)
Doc#: 878212353 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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69- 19285 ACUTE TOXICITY OF PYDRAUL MC TO THE WATER FLEA (DAPHNIA MAGNA).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 23;7 - 24;1 (48)
Doc#: 878212354 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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70- 430585 ACUTE TOXICITY STUDY WITH SANTICIZER 141 IN DAPHNIA MAGNA WITH COVER LETTER DATED 100692 AND ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0544349
Doc#: 86-930000012 Old#: Sect: 8D
Produced: 04/30/79 ANALYTICAL BIO CHEM LABS INC
Received: 10/13/92 MONSANTO CO
Chem: SANTICIZER 141 (115-86-6, 16868-97-1, & 1241-94-7)

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71- 440019 INITIAL SUBMISSION: ACUTE TOXICITY OF S-141 TO DAPHNIA MAGNA WITH COVER LETTER DATED 08/14/92
U.S. EPA/OPTS Public Files

Fiche #: OTS0555019
Doc#: 88-920008201 Old#: 8EHQ-0892-9899 Sect: 8ECP
Produced: 04/30/79
Received: 08/28/92 MONSANTO CO
Chem: S-141

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72- 19265 ACUTE TOXICITY OF PYDRAUL 29ELT TO THE WATER FLEA (DAPHNIA MAGNA)
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 17;2 - 17;2 (48)
Doc#: 878212332 Old#: 8DM Sect: 8D
Produced: 12/01/77 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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73- 424797 INITIAL SUBMISSION: ACUTE AND CHRONIC TOXICITY OF SANTICIZER 141 IN THE WATER FLEA WITH COVER LETTER DATED 081492
U.S. EPA/OPTS Public Files
Fiche #: OTS0570524
Doc#: 88-920007910 Old#: 8EHQ-0892-9608 Sect: 8ECP
Produced: 10/01/79 EG&G BIONOMICS
Received: 08/28/92 MONSANTO CO
Chem: SANTICIZER 141

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74- 19338 ACUTE TOXICITY OF SANTICIZER 141 TO THE MIDGE PARATANYTARSUS PARTHENOGENETICA
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 39;4 - 39;4 (48)
Doc#: 878211125 Old#: 8DM Sect: 8D
Produced: 00/00/00 MONSANTO ENVIR SCI SEC
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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75- 19339 ACUTE TOXICITY OF SANTICIZER 141 TO CHIRONOMUS TENTANS
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 39;5 - 39;6 (48)
Doc#: 878211126 Old#: 8DM Sect: 8D
Produced: 05/06/82 MONSANTO ENVIR SCI SEC
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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76- 19274 ACUTE TOXICITY OF PYDRAUL 230C TO THE WATER FLEA (DAPHNIA MAGNA).
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 20;7 - 21;1 (48)
Doc#: 878212343 Old#: 8DM Sect: 8D
Produced: 03/01/78 E G & G BIONOMICS
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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77- 451043 INITIAL SUBMISSION: ACUTE TOXICITY OF SANTICIZER 141 TO CHIRONOMUS TENTANS WITH COVER LETTER DATED 112592
U.S. EPA/OPTS Public Files
Fiche #: OTS0571721
Doc#: 88-920010325 Old#: 8EHQ-1292-12087 Sect: 8ECP
Produced: 11/15/82 MIC ENVIRONMENTAL SERVICES

Received: 12/02/92 MONSANTO CO
Chem: SANTICIZER 141

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78- 403277 TABLES OF DETECTION LIMITS OF ARYL PHOSPHATES IN AQUATIC ORGANISMS
U.S. EPA/OPTS Public Files
Fiche #: OTS0518818
Doc#: 40-8142725 Old#: 42038 B3-974 Sect: 4
Produced: 10/28/81
Received: 00/00/00 U S EPA
Chem: ARYL PHOSPHATES

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79- 430589 CHRONIC TOXICITY STUDY WITH SANTICIZER 141 IN WATER FLEAS (DAPHNIA MAGNA) WITH COVER LETTER DATED 100692 AND ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0544353
Doc#: 86-930000016 Old#: Sect: 8D
Produced: 10/31/79 EG&G BIONOMICS
Received: 10/13/92 MONSANTO CO
Chem: SANTICIZER 141 (115-86-6, 1241-94-7, & 16368-97-1)

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80- 451026 INITIAL SUBMISSION: THE TOXICITY OF SANTICIZER 141 TO EARLY LIFE STAGES OF RAINBOW TROUT (SALMO GAIRDNERI) WITH COVER LETTER DATED 112592
U.S. EPA/OPTS Public Files
Fiche #: OTS0571704
Doc#: 88-920010308 Old#: 8EHQ-1292-12070 Sect: 8ECP
Produced: 10/05/82 MIC ENVIRONMENTAL SERVICES
Received: 12/02/92 MONSANTO CO
Chem: SANTICIZER 141

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81- 20168 THE ENVIRONMENTAL FATE OF SANTICIZER 141 IN A LAKE WATER SEDIMENT MICROCOSM
U.S. EPA/OPTS Public Files
Fiche #: OTS0206325
Doc#: 878213838 Old#: 8DM Sect: 8D
Produced: 12/28/82 MONSANTO ENVIR SCI SEC
Received: 08/15/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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82- 403372 BIOCONCENTRATION OF SANTICIZER R 141 (S-141) BY BLUEGILL (LEPOMIS MACROCHIRUS) WITH ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0518913
Doc#: 40-8242834 Old#: 42038 B3-617 Sect: 4
Produced: 00/00/00
Received: 09/08/82 MONSANTO CHEM CO
Chem: SANTICIZER 141

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83- 312778 LETTERS, MEMOS, SCREENING RESULTS AND OTHER INFORMATION REGARDING VARIOUS KRONITEX FORMULATIONS
U.S. EPA/OPTS Public Files
Fiche #: OTS0519259
Doc#: 40-7942477 Old#: 42038 B3-277 Sect: 4
Produced: 01/11/79

Received: 00/00/00 FMC CORP
Chem: ARYL PHOSPHATES

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84- 19326 HENRY'S CONSTANT OF SANTICIZER 141 AT AMBIENT TEMPERATURE
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 37;2 - 37;2 (48)
Doc#: 878211113 Old#: 8DM Sect: 8D
Produced: 00/00/00 MONSANTO ENVIR SCI SEC
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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85- 403365 HENRY'S CONSTANT OF SANTICIZER 141 AT AMBIENT TEMPERATURE
U.S. EPA/OPTS Public Files
Fiche #: OTS0518906
Doc#: 40-8242827 Old#: 42038 B3-610 Sect: 4
Produced: 01/18/83
Received: 01/18/83 MONSANTO CHEM CO
Chem: SANTICIZER 141

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86- 18433 PHOSPHATE AND PHTHALATE ESTER TREATABILITY UNDER LABORATORY CONDITIONS SIMULATING THE DELAWARE RIVER WASTE TREATMENT PLANT
U.S. EPA/OPTS Public Files
Fiche #: OTS0206236 Loc: 13;3 - 13;3 (15)
Doc#: 878211495 Old#: 8DM Sect: 8D
Produced: 00/00/00 MONSANTO ENVIR SCI SEC
Received: 01/18/83 MONSANTO CO
Chem: ALKYL PHTHALATES

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87- 402554 PRE-PUBLICATION: COMPARISON OF LABORATORY AND FIELD RESULTS FOR PREDICITION OF THE ENVIRONMENTAL BEHAVIOR OF PHOSPHATE ESTERS WITH COVER LETTER (ENVIRON TOXICOL CHEM 1(1): 1982)
U.S. EPA/OPTS Public Files
Fiche #: OTS0518342
Doc#: 40-8142335 Old#: 42038 B3-135 Sect: 4
Produced: 00/00/00
Received: 00/00/00
Chem: TRIPHENYL PHOSPHATE

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88- 19325 SANTICIZER 141 RIVER DIE-AWAY BIODEGRADATION RATE STUDY
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 36;7 - 37;1 (48)
Doc#: 878211112 Old#: 8DM Sect: 8D
Produced: 00/00/00 MONSANTO ENVIR SCI SEC
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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89- 19336 ANAEROBIC BIODEGRADATION OF MONSANTO CHEMICALS WITH ATTACHMENTS
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 39;2 - 39;2 (48)
Doc#: 878211123 Old#: 8DM Sect: 8D
Produced: 11/12/80 MONSANTO CO
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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90- 19629 BIODEGRADABILITY OF PHOSPHATE ESTERS WITH COVER LETTER
U.S. EPA/OPTS Public Files
Fiche #: OTS0215081
Doc#: 878220700 Old#: 8DM Sect: 8D
Produced: 03/18/76
Received: 01/18/83 MONSANTO CO
Chem: ARYL PHOSPHATES

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91- 403511 LETTER FROM THE USEPA TO MONSANTO CHEMICAL COMPANY REGARDING THE CALCULATED BIOCONCENTRATION FACTORS FOR ARYL PHOSPHATES IN FISH WITH ATTACHMENT
U.S. EPA/OPTS Public Files
Fiche #: OTS0520052
Doc#: 40-82421526 Old#: 42038 E1A-88 Sect: 4
Produced: 02/08/82
Received: 00/00/00 U S EPA
Chem: ARYL PHOSPHATES

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92- 19328 SUNLIGHT PHOTOLYSIS SCREENING OF SANTICIZER 141
U.S. EPA/OPTS Public Files
Fiche #: OTS0206227 Loc: 37;6 - 37;7 (48)
Doc#: 878211115 Old#: 8DM Sect: 8D
Produced: 12/31/82 MONSANTO ENVIR SCI SEC
Received: 01/18/83 MONSANTO CO
Chem: 2-ETHYLHEXYL DIPHENYL PHOSPHATE (1241-94-7)

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93- 402254 ANALYSIS OF ARYL PHOSPHATES IN THE ENVIRONMENT (FINAL REPORT) EPA CONTRACT NO. 68-01-1983
U.S. EPA/OPTS Public Files
Fiche #: OTS0518192
Doc#: 40-77421493 Old#: 42038 B1B-1 Sect: 4
Produced: 07/29/77
Received: 00/00/00 U S EPA
Chem: ARYL PHOSPHATES

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94- 403374 FINAL REPORT OF THE 1982 INDUSTRY EPA PHOSPHATE ESTER AQUATIC SURVEILLANCE PROGRAM WITH ATTACHMENTS AND COVER LETTER DATED 041283
U.S. EPA/OPTS Public Files
Fiche #: OTS0518915
Doc#: 40-8342837 Old#: 42038 B3-619 Sect: 4
Produced: 04/13/83
Received: 04/14/83 MONSANTO CHEM CO
Chem: ARYL PHOSPHATES

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95- 403288 SUMMARY TABLES OF MONITORING DATA
U.S. EPA/OPTS Public Files
Fiche #: OTS0518829
Doc#: 40-82421224 Old#: 42038 B3-984 Sect: 4
Produced: 03/01/81
Received: 00/00/00 U S EPA
Chem: ARYL PHOSPHATES

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96- 403301 FINAL REPORT TO BATTELLE COLUMBUS LABORATORIES & EPA-OTS,

SUBCONTRACT NO. T-6419 (7197)-033, 100179 - 093081. DEVELOPMENT OF TEST FOR DETERMINING ANAEROBIC BIODEGRADATION POTENTIAL
U.S. EPA/OPTS Public Files
Fiche #: OTS0518842
Doc#: 40-81421237 Old#: 42038 B3-996A Sect: 4
Produced: 08/14/81
Received: 00/00/00 U S EPA
Chem: ARYL PHOSPHATES

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97- 300964 FINAL REPORT OF THE 1982 INDUSTRY-EPA PHOSPHATE ESTER AQUATIC SURVEILLANCE PROGRAM WITH COVER LETTER DATED 041283
U.S. EPA/OPTS Public Files
Fiche #: OTS0512769
Doc#: 40-8342060 Old#: 42038 B2-59 Sect: 4
Produced: 00/00/00
Received: 00/00/00 MONSANTO CO
Chem: ARYL PHOSPHATES

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98- 402390 PARTIAL DRAFT REPORT ON ALKYL/ARYL PHOSPHATES W-PARTIONS COMPLETE REPORTS ON IDENTITY, PRODUCTION, CONSUMPTION ENVIRONMENTAL RELEASE & FATE, AMBIENT LEVELS AND HUMAN EXPOSURE
U.S. EPA/OPTS Public Files
Fiche #: OTS0518260
Doc#: 40-0042259 Old#: 42038 B3-58 Sect: 4
Produced: 00/00/00
Received: 00/00/00
Chem: ARYL PHOSPHATES

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99- 419001 ARYL PHOSPHATES MARKET PROFILE (NON-CBI VERSION) - (CONTRACT #68-02-4235)
U.S. EPA/OPTS Public Files
Fiche #: OTS0531585
Doc#: 40-86421627 Old#: 42038 B1B-10 Sect: 4
Produced: 07/14/86
Received: 08/01/86 U S EPA
Chem: ARYL PHOSPHATES

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100- 403223 PUBLICATION: ASSESSMENT OF THE NEED FOR LIMITATION ON TRIARYL AND TRIALKYL/ARYL PHOSPHATES WITH ATTACHMENTS (DRAFT FINAL REPORT)
U.S. EPA/OPTS Public Files
Fiche #: OTS0518765
Doc#: 40-79421157 Old#: 42038 B3-924A Sect: 4
Produced: 00/00/00
Received: 00/00/00
Chem: ARYL PHOSPHATES

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101- 419036 ARYL PHOSPHATES ASSOCIATED WITH SPECIFIC USES
U.S. EPA/OPTS Public Files
Fiche #: OTS0531620
Doc#: 40-90421663 Old#: 42038 B3-113D Sect: 4
Produced: 04/06/90
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Chem: ARYL PHOSPHATE

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