



Attachment 3 to  
Aminocyclopyrachlor  
**Human Health and Ecological Risk Assessment**  
U.S. EPA/OPP Bibliography

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## **EPA Bibliography of Registrant Studies**

Note: Bibliography obtained from EPA on March 08, 2012 through FOIA, HQ-FOI-0749-12. The registrant studies are sorted by Guideline Number and then MRID number. Studies/DERs obtained for risk assessment are in bold font.

6. EPA Bibliography of Registrant Studies .....	2
71-1:Avian Single Dose Oral Toxicity .....	5
71-2:Avian Dietary Toxicity.....	5
71-4:Avian Reproduction.....	5
122-1:Seed Germination/Seedling Emergence and Vegetable Vigor.....	5
123-1:Seed Germination/Seedling Emergence And Vegetative Vigor .....	5
161-3:Photodegradation-soil.....	5
162-1:Aerobic soil metabolism.....	5
162-2:Anaerobic soil metabolism .....	5
162-3:Anaerobic aquatic metabolism. ....	6
162-4:Aerobic aquatic metab.....	6
163-1 Leach/adsorp/desorption.....	6
164-1:Terrestrial field dissipation.....	6
164-2:Aquatic field dissipation.....	7
810.1000:Overview, Definitions, and General Considerations .....	7
830.1550:Product Identity and composition .....	8
830.1600:Description of materials used to produce the product .....	12
830.1620:Description of production process .....	16
830.1650:Description of formulation process.....	16
830.1670:Discusion of formation of impurities.....	20
830.1700:Preliminary analysis.....	24
830.1750:Certified limits .....	27
830.1800:Enforcement analytical method .....	30
830.6302 Color .....	34
830.6303:Physical state.....	38
830.6304 Odor .....	42
830.6313:Stability to normal and elevated temperatures, metals, and metal ions .....	46
830.6314:Oxidizing or reducing action .....	47
830.6315 Flammability .....	49
830.6316 Explodability.....	49

830.6317:Storage stability .....	50
830.6320:Corrosion characteristics.....	52
830.7000 pH.....	55
830.7050:UV/Visible absorption .....	58
830.7100 Viscosity .....	59
830.7200:Melting point/melting range .....	60
830.7220:Boiling point/boiling range.....	60
830.7300:Density/relative density .....	61
830.7370:Dissociation constants in water.....	65
830.7550:Partition coefficient (n-octanol/water), shake flask method.....	65
830.7840:Water solubility: Column elution method, shake flask method.....	65
830.7950:Vapor pressure .....	65
835.1230:Sediment and soil absorption/desorption for parent and degradates .....	65
835.2110:Hydrolysis as a function of pH .....	66
835.2410:Photodegradation of parent and degradates in soil .....	66
835.4200:Anaerobic soil metabolism .....	66
835.4300:Aerobic aquatic metabolism .....	66
835.6100:Terrestrial field dissipation .....	66
850.1010:Aquatic invertebrate acute toxicity, test, freshwater daphnids .....	67
850.1025:Oyster acute toxicity test (shell deposition).....	67
850.1035:Mysid acute toxicity test .....	67
850.1075:Fish acute toxicity test, freshwater and marine.....	67
850.1300:Daphnid chronic toxicity test.....	67
850.1400:Fish early-life stage toxicity test.....	68
850.2100:Avian acute oral toxicity test .....	68
850.2200:Avian dietary toxicity test.....	68
850.2300:Avian reproduction test.....	68
850.4100:Terrestrial plant toxicity, Tier 1 (seedling emergence).....	69
850.4150:Terrestrial plant toxicity, Tier 1 (vegetative vigor) .....	69
850.4225:Seedling emergence, Tier II.....	69
850.4250:Vegetative vigor, Tier II .....	69
850.4400:Aquatic plant toxicity test using Lemna spp. Tiers I and II.....	69
850.5400:Algal toxicity, Tiers 1 and II.....	70
860.1000 Background .....	70

860.1300:Nature of the residue - plants, livestock .....	70
860.1340:Residue analytical method .....	70
860.1360:Multiresidue method .....	72
860.1380:Storage stability data.....	72
860.1480 Meat/milk/poultry/eggs .....	72
860.1500:Crop field trials .....	72
860.1850:Confined accumulation in rotational crops .....	72
870.1100:Acute oral toxicity .....	73
870.1200:Acute dermal toxicity.....	73
870.1300:Acute inhalation toxicity.....	74
870.2400:Acute eye irritation .....	75
870.2500:Acute dermal irritation.....	76
870.2600:Skin sensitization .....	76
870.3100:90-Day oral toxicity in rodents .....	77
870.3150:90-day oral toxicity in nonrodents .....	78
870.3200:21/28-day dermal toxicity .....	78
870.3250:90-day dermal toxicity .....	78
870.3465:90-day inhalation toxicity .....	78
870.3700:Prenatal developmental toxicity study .....	78
870.3800:Reproduction and fertility effects .....	78
870.4100:Chronic toxicity .....	79
870.4200 Carcinogenicity .....	79
870.4300:Combined chronic toxicity/carcinogenicity.....	79
870.5100:Bacterial reverse mutation test.....	79
870.5300:In vitro mammalian cell gene mutation test.....	79
870.5375:In vitro mammalian chromosome aberration test .....	79
870.5395:Mammalian erythrocyte micronucleus test.....	79
870.6200:Neurotoxicity screening battery.....	79
870.7485:Metabolism and pharmacokinetics .....	80
870.7800 Immunotoxicity .....	80
875.2000:Background for post application exposure monitoring test guidelines.....	80
875.2100:Foliar dislodgeable residue dissipation.....	80
850.7100:Data reporting for environmental chemistry methods .....	80
Non-Guideline Study .....	81

#### **71-1:Avian Single Dose Oral Toxicity**

**47560118** Gallagher, S.; Beavers, J. (2007) DPX-MAT28 Technical: An Acute Oral Toxicity Study with the Northern Bobwhite. Project Number: 22031, 17163, 340. Unpublished study prepared by Wildlife International, Ltd. 54 p.

#### **71-2:Avian Dietary Toxicity**

**47560119** Hubbard, P.; Martin, K.; Beavers, J. (2007) DPX-MAT28 Technical: A Dietary LC50 Study with the Mallard. Project Number: 22380, 17163, 1620. Unpublished study prepared by Wildlife International, Ltd. 60 p.

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#### **122-1:Seed Germination/Seedling Emergence and Vegetable Vigor**

**47560132** Porch, J.; Martin, K. (2008) DPX-KJM44 80WG: A Greenhouse Study to Investigate the Effects on Seedling Emergence and Growth of Ten Terrestrial Plants Following Soil Exposure. Project Number: 112/610, 22802, 17328. Unpublished study prepared by Wildlife International, Ltd. 194 p. [Ester. Not being commercialized.]

#### **123-1:Seed Germination/Seedling Emergence And Vegetative Vigor**

**47560132** Porch, J.; Martin, K. (2008) DPX-KJM44 80WG: A Greenhouse Study to Investigate the Effects on Seedling Emergence and Growth of Ten Terrestrial Plants Following Soil Exposure. Project Number: 112/610, 22802, 17328. Unpublished study prepared by Wildlife International, Ltd. 194 p. Duplicate entry. [Ester. Not being commercialized.]

#### **161-3:Photodegradation-soil**

**47560213** Wardrope, L. (2008) Photodegradation of [Pyrimidine-2-(Carbon 14)]-DPX-MAT28 on Soil: Final Report. Project Number: DUPONT/22118, 807770. Unpublished study prepared by Charles River Laboratories. 76 p.

#### **162-1:Aerobic soil metabolism**

**47560214** Hirata, C.; Malekani, K.; Young, G. (2008) Aerobic Soil Metabolism of DPX-KJM44 (DPX-MAT28 Methyl Ester) in Soil. Project Number: DUPONT/22435. Unpublished study prepared by: E. I. Du Pont De Nemours and Co., Inc. 67 p.

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**47560215** Wardrope, L. (2008) Anaerobic Soil Metabolism of [Carbon 14]-DPX-MAT28. Project Number: DUPONT/22436, 807629. Unpublished study prepared by Charles River Laboratories . 60 p.

### **162-3:Anaerobic aquatic metabolism.**

**47560217** McCorquodale, G. (2008) Anaerobic Aquatic Metabolism of [Pyrimidine-2-(Carbon 14)]-DPX-MAT28 in a Water/Sediment System. Project Number: DUPONT/22114, 807765. Unpublished study prepared by Charles River Laboratories . 79 p.

### **162-4:Aerobic aquatic metab.**

**47560216** McCorquodale, G. (2008) Aerobic Aquatic Metabolism of {Pyrimidine-2-(Carbon 14)]-DPX-MAT28 in Two Water/Sediment Systems. Project Number: DUPONT/22115, 807634. Unpublished study prepared by Charles River Laboratories . 88 p.

### **163-1 Leach/adsorp/desorption**

**47560218** Manjunatha, S. (2008) (Carbon 14)-DPX-KJM44: Batch Equilibrium (Adsorption/Desorption) in Five Soils. Project Number: DUPONT/22368, G4825, D01/09/EFATE. Unpublished study prepared by Advinus Therapeutics Private Limited. 76 p.

**47560219** Manjunatha, S. (2008) (Carbon 14)-DPX-MAT28: Batch Equilibrium (Adsorption/Desorption) in Five Soils. Project Number: DUPONT/22433, G4822. Unpublished study prepared by Advinus Therapeutics Private Limited. 71 p.

**47560220** Manjunatha, S. (2008) Screening of Soils for Adsorption/Desorption Characteristics of (Carbon 14)-DPX-MAT28. Project Number: DUPONT/25432, G5252, D01/08/EFATE. Unpublished study prepared by Advinus Therapeutics Private Limited. 60 p.

### **164-1:Terrestrial field dissipation**

**47560222** Shepard, E. (2008) Terrestrial Field Dissipation of DPX-MAT28 Herbicide Applied as DPX-KJM44 on Turf in Georgia, USA. Project Number: DUPONT/22526, 62625, 22584. Unpublished study prepared by ABC Laboratories, Inc. and Ag Research Associates and E. I. Du Pont De Nemours and Co., Inc. 259 p.

**47560223** Shepard, E. (2008) Terrestrial Field Dissipation of DPX-MAT28 Herbicide Applied as DPX-KJM44 (Methyl Ester) on Turf in Ontario, Canada. Project Number: DUPONT/22529, 62626. Unpublished study prepared by ABC Laboratories, Inc. and Vaughn Agricultural Research Serv., Ltd. and E. I. Du Pont De Nemours and Co., Inc. 296 p.

**47560224** Shepard, E. (2008) Terrestrial Field Dissipation of DPX-MAT28 Herbicide Applied as DPX-KJM44 (Methyl Ester) on Bare Soil in Ontario, Canada (Interim Report). Project Number: DUPONT/22527, 62685. Unpublished study prepared by ABC Laboratories, Inc. and Vaughn Agricultural Research Serv., Ltd. and E. I. Du Pont De Nemours and Co., Inc. 260 p.

**47575102** Shepard, E. (2008) Terrestrial Field Dissipation of DPX-MAT28 Herbicide Applied as DPX-KJM44 (Methyl Ester) on Bare Soil in California, USA (Interim Report). Project Number: DUPONT/22528, 62686. Unpublished study prepared by ABC Laboratories, Inc., Research for Hire and E.I. du Pont de Nemours and Company. 294 p.

**48333611** Shepard, E. (2010) Terrestrial Field Dissipation of DPX-MAT28 Herbicide Applied as DPX-KJM44 (Methyl Ester) on Bare Soil in Manitoba, Canada. Project Number: DUPONT/24604/REVISION/1, 63366. Unpublished study prepared by ABC Laboratories, Inc., ICMS, Inc. and DuPont Crop Protection. 228 p.

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### **164-2:Aquatic field dissipation**

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48225305 Baker, R. (2010) Four Month Control of Dandelion and White Clover Following Application of Aminocyclopyrachlor (MAT28) on Granular Fertilizer. Unpublished study prepared by The Scotts Company. 23 p.

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48663302 Baker, R. (2009) Dissipation of Aminocyclopyrachlor from Turfgrass Clippings - 2008. Unpublished study prepared by The Scotts Company. 11p.

48663303 Baker, R. (2011) Dissipation of Aminocyclopyrachlor from Turfgrass Clippings - 2010. Unpublished study prepared by The Scotts Company. 8p.

48663304 Baker, R. (2011) Long-Term Biodegradability of Aminocyclopyrachlor during the Composting Yard Trimmings. Unpublished study prepared by The Scotts Company. 19p.

48663305 Baker, R. (2011) Effects of Compost Containing Aminocyclopyrachlor or Clopyralid on the Growth and Development of Seeded and Transplanted Flowers and Vegetables. Unpublished study prepared by The Scotts Company. 24p.

48663306 Baker, R. (2009) MAT28/KJM44 Off-Target Ornamental Injury - Planting in of Annuals. Unpublished study prepared by The Scotts Company. 21p.

48663307 Baker, R. (2010) MAT28/KJM44 Off-Target Ornamental Injury - Perennials & Annuals. Unpublished study prepared by The Scotts Company. 24p.

48663308 Baker, R. (2010) Bedding Plant Phytotoxicity with Aminocyclopyrachlor - 2010. Unpublished study prepared by The Scotts Company. 17p.

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### **830.1550:Product Identity and composition**

47559801 Roman, R.; Jiang, C. (2008) Aminocyclopyrachlor (DPX-MAT28) Identity, Composition, and Certified Limits. Project Number: DUPONT/23884, DPX/MAT28. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 13 p.

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47559914 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor Methyl (DPX-KJM44) 10% Manufacturing Use Product. Project Number: DUPONT/22901. Unpublished study prepared by DuPont Crop Protection. 33 p.

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47781604 Roche, R. (2009) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50 SG/Chlorsulfuron 75 WG/Sulfometuron Methyl 75WG (DPX-Q2K11), A Blend of Extruded Granules (31.2% + 9.4% + 18.7% Active). Project Number: DUPONT/27230. Unpublished study prepared by E.I. du Pont de Nemours and Company. 42 p.

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48224001 Simon, S. (2010) Product Identity, Composition and Analysis for Scotts 65 MAT Weed & Feed. Project Number: SS/257A, GLP019/00. Unpublished study prepared by The Scotts Company. 24 p.

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48245101 Roche, R. (2010) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50SG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPG-Q2K12), a Blend of Extruded Granules (22.8% + 31.6% + 7.3% Active). Project Number: DUPONT/27229. Unpublished study prepared by E.I. du Pont de Nemours and Company. 43 p.

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48245301 Roche, R. (2010) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50SG/Chlorsulfuron 75WG/Sulfometuron Methyl 75WG (DPX-Q2K11), A Blend of Extruded Granules (31.2% + 9.4% + 18.7% Active). Project Number: DUPONT/27230. Unpublished study prepared by E.I. du Pont de Nemours and Company. 43 p.

48245401 Roche, R. (2010) Product Identity And Composition of End-use Product Aminocyclopyrachlor 50 SG/ Metsulfuron Methyl 60 WG(DPX- Q2K13), A Blend of Extruded Granules (39.5% +12.6 % Active). Project Number: DUPONT/27682. Unpublished study prepared by DuPont Crop Protection. 35 p.

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### **830.1600:Description of materials used to produce the product**

47559802 Roman, R.; Jiang, C. (2008) Technical Grade Aminocyclopyrachlor (DPX-MAT28) Manufacturing Description and Formation of Impurities. Project Number: DUPONT/233883. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 94 p.

47559822 Roman, R.; Jiang, C. (2008) Technical Grade Aminocyclopyrachlor Methyl Ester (DPX-KJM44) Manufacturing Description and Formation of Impurities . Project Number: DUPONT/23881. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 77 p.

47559905 Roche, R. (2008) Product Identity and Composition of End-use Product Aminocyclopyrachlor Methyl (DPX-KJM44) 80WG. Project Number: DUPONT/23547. Unpublished study prepared by DuPont Crop Protection. 57 p.

47559908 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor (DPXMAT28) 240SL. Project Number: DUPONT/22902. Unpublished study prepared by DuPont Crop Protection. 56 p.

47559911 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor (DPXMAT28) 50 SG. Project Number: DUPONT/26442. Unpublished study prepared by DuPont Crop Protection. 61 p.

47559914 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor Methyl (DPX-KJM44) 10% Manufacturing Use Product. Project Number: DUPONT/22901. Unpublished study prepared by DuPont Crop Protection. 33 p.

47559916 Brown, P. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl (DPXKJM44) Granules. Project Number: DUPONT/22900. Unpublished study prepared by DuPont Crop Protection. 63 p.

47559918 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80 WG/Chlorcyclopururon 75WG/Sulfometuron Methyl 75WG (DPX-Q2B37), A Blend of Water Dispersible Granules (42.1% + 11.9% + 23.7% Active). Project Number: DUPONT/25708. Unpublished study prepared by DuPont Crop Protection. 42 p.

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47559921 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80WG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPX-Q2B38), A Blend of Water Dispersible Granules (28.7% + 37.3% + 8.6 % Active). Project Number: DUPONT/25709. Unpublished study prepared by DuPont Crop Protection. 42 p.

47559924 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80WG/Metsulfuron Methyl 60WG (DPX-Q2B39), A Blend of Water Dispersible Granules (57.1% + 17.2% Active). Project Number: DUPONT/25436. Unpublished study prepared by DuPont Crop Protection. 34 p.

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47559930 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor (DPX-MAT28) 10% Manufacturing Use Product. Project Number: DUPONT/26938. Unpublished study prepared by DuPont Crop Protection. 33 p.

47559931 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor (DPX-MAT28) Granules. Project Number: DUPONT/26937. Unpublished study prepared by DuPont Crop Protection. 40 p.

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47781610 Roche, R. (2009) Product Identity and Composition of End-use Product Aminocyclopyrachlor 50 SG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPX-Q2K12), A Blend of Extruded Granules (22.8% + 31.6% + 7.3% Active). Project Number: DUPONT/27229. Unpublished study prepared by E.I. du Pont de Nemours and Company. 43 p.

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48218001 Barrientos, C. (2010) Product Identity, Composition and Analysis for Ortho MAT28N RTU. Project Number: SS/266A, GLP019/00. Unpublished study prepared by The Scotts Company. 54 p.

48218201 Barrientos, C. (2010) Product Identity, Composition and Analysis for Ortho MAT 28S RTU. Project Number: SS/227A, GLP019/00. Unpublished study prepared by The Scotts Company. 42 p.

48218203 Barrientos, C. (2010) Product Identity, Composition and Analysis for Ortho MAT28S RTU (Alternate A). Project Number: SS/265A, GLP019/00. Unpublished study prepared by The Scotts Company. 54 p.

48218501 Barrientos, C. (2010) Product Identity, Composition and Analysis for Ortho MAT28NS CONC. Project Number: SS/248A, GLP019/00. Unpublished study prepared by The Scotts Company. 33 p.

48224001 Simon, S. (2010) Product Identity, Composition and Analysis for Scotts 65 MAT Weed & Feed. Project Number: SS/257A, GLP019/00. Unpublished study prepared by The Scotts Company. 24 p.

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48235804 Roman, R.; Taylor, E. (2010) Technical Grade Aminocyclopyrachlor (DPX-MAT28) Manufacturing Description and Formation of Impurities. Project Number: 30908. Unpublished study prepared by DuPont Crop Protection. 187 p.

48245101 Roche, R. (2010) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50SG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPG-Q2K12), a Blend of Extruded Granules (22.8% + 31.6% + 7.3% Active). Project Number: DUPONT/27229. Unpublished study prepared by E.I. du Pont de Nemours and Company. 43 p.

48245201 Roche, R. (2010) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50SG/Chlorsulfuron 75WG (DPX-Q2K06), A Blend of Extruded Granules (39.5% + 15.8% Active). Project Number: DUPONT/27228. Unpublished study prepared by E.I. du Pont de Nemours and Company. 35 p.

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48720203 Roman, R.; Taylor, E. (2011) Technical Grade Aminocyclopyrachlor (DPX-MAT28) Manufacturing Description and Formation of Impurities. Project Number: DUPONT/30908/REVISION/NO/1. Unpublished study prepared by DuPont Crop Protection. 192p.

### **830.1620:Description of production process**

47559802 Roman, R.; Jiang, C. (2008) Technical Grade Aminocyclopyrachlor (DPX-MAT28) Manufacturing Description and Formation of Impurities. Project Number: DUPONT/233883. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 94 p.

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### **830.1650:Description of formulation process**

47559905 Roche, R. (2008) Product Identity and Composition of End-use Product Aminocyclopyrachlor Methyl (DPX-KJM44) 80WG. Project Number: DUPONT/23547. Unpublished study prepared by DuPont Crop Protection. 57 p.

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### **830.1670:Discussion of formation of impurities**

47559802 Roman, R.; Jiang, C. (2008) Technical Grade Aminocyclopyrachlor (DPX-MAT28) Manufacturing Description and Formation of Impurities. Project Number: DUPONT/233883. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 94 p.

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47559908 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor (DPXMAT28) 240SL. Project Number: DUPONT/22902. Unpublished study prepared by DuPont Crop Protection. 56 p.

47559911 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor (DPXMAT28) 50 SG. Project Number: DUPONT/26442. Unpublished study prepared by DuPont Crop Protection. 61 p.

47559914 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor Methyl (DPX-KJM44) 10% Manufacturing Use Product. Project Number: DUPONT/22901. Unpublished study prepared by DuPont Crop Protection. 33 p.

47559916 Brown, P. (2008) Product Identity and Composition of End-Use Product Aminocyclochlor Methyl (DPXKJM44) Granules. Project Number: DUPONT/22900. Unpublished study prepared by DuPont Crop Protection. 63 p.

47559918 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80 WG/Chlorcufuron 75WG/Sulfometuron Methyl 75WG (DPX-Q2B37), A Blend of Water Dispersible Granules (42.1% + 11.9% + 23.7% Active). Project Number: DUPONT/25708. Unpublished study prepared by DuPont Crop Protection. 42 p.

47559921 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80WG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPX-Q2B38), A Blend of Water Dispersible Granules (28.7% + 37.3% + 8.6 % Active). Project Number: DUPONT/25709. Unpublished study prepared by DuPont Crop Protection. 42 p.

47559924 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80WG/Metsulfuron Methyl 60WG (DPX-Q2B39), A Blend of Water Dispersible Granules (57.1% + 17.2% Active). Project Number: DUPONT/25436. Unpublished study prepared by DuPont Crop Protection. 34 p.

47559927 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80WG/Chlorsulfuron 75WG (DPX-QKJ02), A Blend of Water Dispersible Granules (57.1% + 21.4 5 Active). Project Number: DUPONT/25716. Unpublished study prepared by DuPont Crop Protection. 34 p.

47559930 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor (DPX-MAT28) 10% Manufacturing Use Product. Project Number: DUPONT/26938. Unpublished study prepared by DuPont Crop Protection. 33 p.

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47781607 Roche, R. (2009) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50SG/Metsulfuron Methyl 60WG (DPX-Q2K13), A Blend of Extruded Granules (39.5% + 12.6% Active). Project Number: DUPONT/27682. Unpublished study prepared by E.I. du Pont de Nemours and Company. 35 p.

47781610 Roche, R. (2009) Product Identity and Composition of End-use Product Aminocyclopyrachlor 50 SG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPX-Q2K12), A Blend of Extruded Granules (22.8% + 31.6% + 7.3% Active). Project Number: DUPONT/27229. Unpublished study prepared by E.I. du Pont de Nemours and Company. 43 p.

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48066602 Brown, P. (2010) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor (DPX-MAT28) Granules. Project Number: 26937. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. (S300/419). 41 p.

48102401 Brown, P. (2010) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl (DPX-KJM44) Granules. Project Number: 22900. Unpublished study prepared by DuPont Crop Protection. 47 p.

48116301 Brown, P. (2010) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor (DPX-MAT28) Granules. Project Number: 26937. Unpublished study prepared by E.I. Du Pont De Nemours and Company. 40 p.

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48218201 Barrientos, C. (2010) Product Identity, Composition and Analysis for Ortho MAT 28S RTU. Project Number: SS/227A, GLP019/00. Unpublished study prepared by The Scotts Company. 42 p.

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48218501 Barrientos, C. (2010) Product Identity, Composition and Analysis for Ortho MAT28NS CONC. Project Number: SS/248A, GLP019/00. Unpublished study prepared by The Scotts Company. 33 p.

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### **830.1700:Preliminary analysis**

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47559806 Simmons, R.; Bailey, D.; Brown, L. (2008) Description and Validation of the Analytical Methods for Determination of Impurities in Technical Grade Aminocyclopyrachlor (DPX-MAT28). Project Number: DUPONT/23606. Unpublished study prepared by E. I. Du Pont De Nemours and Co, Inc. 130 p.

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47559826 Simmons, R.; Bailery, D. (2008) Description and Validation of the Analytical Methods for Determination of Impurities in Technical Grade Aminocyclopyrachlor Methyl (DPX-KJM44). Project Number: DUPONT/23605. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 173 p.

47559906 Simmons, R. (2008) Determination of Aminocyclopyrachlor Methyl (DPX-KJM44) in Aminocyclopyrachlor Methyl WG End-Use Products. Project Number: DUPONT/26789. Unpublished study prepared by DuPont Crop Protection. 9 p.

47559909 Simmons, R. (2008) Determination of Aminocyclopyrachlor (DPX-MAT28) in Aminocyclopyrachlor SL End-Use Products. Project Number: DUPONT/26787. Unpublished study prepared by DuPont Crop Protection. 9 p.

47559919 Simmons, R. (2008) Determination of Chlorsulfuron (DPX-W4189) Sulfometuron Methyl (DPX-T5648), and Aminocyclopyrachlor Methyl (DPX-KJM44) in DPX-Q2B37 WG End-Use Product: Aminocyclopyrachlor Methyl 80WG/Chlorsulfuron 75WG/Sulfometuron Methyl 75 WG (DPX-Q2B37), A Blend of Water-Dispersible Granules (42.1% + 11.9% + 23.7% Active). Project Number: DUPONT/24665. Unpublished study prepared by DuPont Crop Protection. 11 p.

47559922 Simmons, R. (2008) Determination of Imazapyr (DPX-A7586), Metsulfuron Methyl (DPX-T6376), and Aminocyclopyrachlor Methyl (DPX-KJM44) in DPX-Q2B38 WG End-Use Product: Aminocyclopyrachlor Methyl 80 WG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPX-Q2B38), A Blend of Water-Dispersible Granules. Project Number: DUPONT/25664. Unpublished study prepared by DuPont Crop Protection. 11 p.

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47781602 Simmons, R.; McClory, J. (2009) Determination of Chlorsulfuron (DPX-W4189) and Aminocyclopyrachlor (DPX-MAT28) in DPX-Q2K06 WG End Use Product: Aminocyclopyrachlor 50 SG/Chlorsulfuron 75 WG (DPX-Q2K06), A Blend of Water Dispersible Granules (39.5% + 15.8% Active). Project Number: DUPONT/28463. Unpublished study prepared by E.I. du Pont de Nemours and Company. 10 p.

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47781608 Simmons, R.; McClory, J. (2009) Determination of Metsulfuron Methyl (DPX-T6376) and Aminocyclopyrachlor (DPX-T6376) and Aminocyclopyrachlor (DPX-MAT28) in DPX-Q2K13 WG End-Use Product: Aminocyclopyrachlor 50SG/Metsulfuron Methyl 60WG (DPX-Q2K13), A Blend of Extruded Granules (39.5% + 12.6% Active). Project Number: DUPONT/26786. Unpublished study prepared by E.I. du Pont de Nemours and Company. 10 p.

47781611 Simmons, R.; McClory, J. (2009) Determination of Imazapyr (DPX-A7586), Metsulfuron Methyl (DPXT6376) and Aminocyclopyrachlor (DPX-MAT28) in DPX-Q2K12 WG End Use Product: Aminocyclopyrachlor 50 SG/Imazapyr 75 WG/Metsulfuron Methyl 60WG (DPX-Q2K12): A Blend of Extruded Granules (22.8% + 31.6% + 7.3% Active). Project Number: DUPONT/28465. Unpublished study prepared by E.I. du Pont de Nemours and Company. 11 p.

48235802 Swaim, L. (2010) Batch Analysis of Aminocyclopyrachlor (DPX-MAT28) Technical. Project Number: 29750, 65633. Unpublished study prepared by ABC Laboratories, Inc. 61 p.

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### **830.1750:Certified limits**

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47559905 Roche, R. (2008) Product Identity and Composition of End-use Product Aminocyclopyrachlor Methyl (DPX-KJM44) 80WG. Project Number: DUPONT/23547. Unpublished study prepared by DuPont Crop Protection. 57 p.

47559908 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor (DPXMAT28) 240SL. Project Number: DUPONT/22902. Unpublished study prepared by DuPont Crop Protection. 56 p.

47559911 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor (DPXMAT28) 50 SG. Project Number: DUPONT/26442. Unpublished study prepared by DuPont Crop Protection. 61 p.

47559914 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor Methyl (DPX-KJM44) 10% Manufacturing Use Product. Project Number: DUPONT/22901. Unpublished study prepared by DuPont Crop Protection. 33 p.

47559916 Brown, P. (2008) Product Identity and Composition of End-Use Product Aminocyclochlor Methyl (DPXKJM44) Granules. Project Number: DUPONT/22900. Unpublished study prepared by DuPont Crop Protection. 63 p.

47559918 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80 WG/Chorsulfuron 75WG/Sulfometuron Methyl 75WG (DPX-Q2B37), A Blend of Water Dispersible Granules (42.1% + 11.9% + 23.7% Active). Project Number: DUPONT/25708. Unpublished study prepared by DuPont Crop Protection. 42 p.

47559921 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80WG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPX-Q2B38), A Blend of Water Dispersible Granules (28.7% + 37.3% + 8.6 % Active). Project Number: DUPONT/25709. Unpublished study prepared by DuPont Crop Protection. 42 p.

47559924 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80WG/Metsulfuron Methyl 60WG (DPX-Q2B39), A Blend of Water Dispersible Granules (57.1% + 17.2% Active). Project Number: DUPONT/25436. Unpublished study prepared by DuPont Crop Protection. 34 p.

47559927 Roche, R. (2008) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl 80WG/Chlorsulfuron 75WG (DPX-QKJ02), A Blend of Water Dispersible Granules (57.1% + 21.4 5 Active). Project Number: DUPONT/25716. Unpublished study prepared by DuPont Crop Protection. 34 p.

47559930 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor (DPX-MAT28) 10% Manufacturing Use Product. Project Number: DUPONT/26938. Unpublished study prepared by DuPont Crop Protection. 33 p.

47559931 Brown, P. (2008) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor (DPX-MAT28) Granules. Project Number: DUPONT/26937. Unpublished study prepared by DuPont Crop Protection. 40 p.

47781601 Roche, R. (2009) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50SG/Chlorsulfuron 75WG (DPX-Q2K06), A Blend of Extruded Granules (39.5% + 15.8% Active). Project Number: DUPONT/27228, M000628. Unpublished study prepared by E.I. du Pont de Nemours and Company. 35 p.

47781604 Roche, R. (2009) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50 SG/Chlorsulfuron 75 WG/Sulfometuron Methyl 75WG (DPX-Q2K11), A Blend of Extruded Granules (31.2% + 9.4% + 18.7% Active). Project Number: DUPONT/27230. Unpublished study prepared by E.I. du Pont de Nemours and Company. 42 p.

47781607 Roche, R. (2009) Product Identity and Composition of End-Use Product Aminocyclopyrachlor 50SG/Metsulfuron Methyl 60WG (DPX-Q2K13), A Blend of Extruded Granules (39.5% + 12.6% Active). Project Number: DUPONT/27682. Unpublished study prepared by E.I. du Pont de Nemours and Company. 35 p.

47781610 Roche, R. (2009) Product Identity and Composition of End-use Product Aminocyclopyrachlor 50 SG/Imazapyr 75WG/Metsulfuron Methyl 60WG (DPX-Q2K12), A Blend of Extruded Granules (22.8% + 31.6% + 7.3% Active). Project Number: DUPONT/27229. Unpublished study prepared by E.I. du Pont de Nemours and Company. 43 p.

47933001 Brown, P. (2009) Product Identity and Composition of End-Use Product DuPont Aminocyclopyrachlor (DPX-MAT28) 10% Manufacturing Use Product. Project Number: 26938/REVISION/NO/1. Unpublished study prepared by DuPont Crop Protection. 33 p.

47962001 Roche, R. (2010) Product Identity and Composition of End-Use Product Aminocyclopyrachlor (DPXMAT28) 50SG. Project Number: 26442. Unpublished study prepared by E.I. du Pont de Nemours and Company. 54 p.

47962002 Roche, R. (2010) Product Identity and Composition of End-Use Product Aminocyclopyrachlor (DPXMAT28) 240SL. Project Number: 22902. Unpublished study prepared by E.I. du Pont de Nemours and Company. 55 p.

48066601 Brown, P. (2010) Product Identity and Composition of End-Use Product Aminocyclopyrachlor Methyl (DPX-KJM44) Granules. Project Number: 22900. Unpublished study prepared by E.I. Du Pont De Nemours and Company. 49 p.

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### **830.1800:Enforcement analytical method**

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### **830.7200:Melting point/melting range**

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### **830.7300:Density/relative density**

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### **Non-Guideline Study**

47559800 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPX-Q2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPX-KJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 34 of 177 Studies.

47559800 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 34 of 177 Studies.

47559811 Gravell, R.; Hirata, C. (2007) DPX-MAT28: Laboratory Study of Explosive and Oxidizing Properties, Flammability of Solids and the Relative Self-Ignition (Autoflammability) Temperature. Project Number: DUPONT/22807. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 14 p.

47559819 Tunink, A. (2007) DPX-MAT28 (PAI): Spectra (Mass Spectrum, Infrared Spectrum, and NMR). Project Number: DUPONT/22540, 62819. Unpublished study prepared by ABC Laboratories, Inc. and Spectral Data Services, Inc. 24 p.

47559820 Hirata, C. (2008) DPX-MAT28: Volatility, Calculation of Henry's Law Constant. Project Number: DUPONT/22545/EU. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 8 p.

47559831 Gravell, R.; Hirata, C. (2007) DPX-KJM44: Laboratory Study of Explosive and Oxidizing Properties, Flammability of Solids and the Relative Self-Ignition (Autoflammability) Temperature. Project Number: DUPONT/22806. Unpublished study prepared by E. I. Du Pont De Nemours and Co., Inc. 14 p.

47559900 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 34 of 177 Studies.

47559900 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 34 of 177 Studies.

47560000 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 38 of 177 Studies.

47560000 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 38 of 177 Studies.

47560100 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 34 of 177 Studies.

47560100 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 34 of 177 Studies.

**47560131 Warmers, C. (2007) DPX-MAT28 Technical: Acute Oral and Contact Toxicity to the Honey Bee, *Apis mellifera* L. Project Number: 20071090/01/BLEU, 22413, 17163. Unpublished study prepared by Eurofins GAB GmbH. 34 p.**

47560200 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 37 of 177 Studies.

47560200 E. I. Du Pont De Nemours and Co., Inc. (2008) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP Herbicide, DPX-KJM44 80XP, DPX 240 SL, DPX-MAT 50SG, DPXQ2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02 Herbicide, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG Turf Herbicide, DPX-KJM44 10 percent, DPX-MAT28 10 percent Manufacturing Concentrate, DPX-KJM44 0.064, DPX-KJM44 0.53G, DPX-KJM44 0.073G Turf Herbicide + Fertilizer, DPX-KJM44 0.73G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPXKJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G Lawn Herbicide + Fertilizer, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G Turf Herbicide + Fertilizer and DPX-MAT28 0.068G Lawn Herbicide + Fertilizer. Transmittal of 37 of 177 Studies.

47560211 Lowrie, C. (2008) Photodegradation of [Pyrimidine-2-(Carbon 14)]DPX-MAT28 in pH 4 Buffer and Natural Water by Simulated Sunlight: Final Report. Project Number: 212706, DUPONT/22117. Unpublished study prepared by Charles River Laboratories. 88 p.

47560221 Manjunatha, S. (2008) Rate of Degradation of [Carbon 14]-DPX-MAT28 in Three Aerobic Soils. Project Number: DUPONT/22119, G4823, D01/08/EFATE. Unpublished study prepared by Advinus Therapeutics Private Limited. 91 p.

47560235 Nixon, W.; Kendall, T. (2008) Analytical Method Verification and Determination of the Solubility and Stability of DPX-MAT28 in Freshwater, Saltwater and 20XAAP Media. Project Number: DUPONT/22601, 17163, 298. Unpublished study prepared by Wildlife International, Ltd. 68 p.

47573400 E.I. DuPont de Nemours and Company (2008) Submission of Product Chemistry and Toxicity Data in Support of the Applications for Registration of DuPont DPX- MAT28 Technical, KJM44 Technical, KJM44 80 MUP, KJM44 80XP, MAT28 24SL , MAT28 50SG, Q2B37, Q2B38, Q2B39, QKJ02, KJM44 80XP Turf, MAT28 2400SL Turf, MAT28 50SG Turf, KJM44 10% Manufacturing Concentrate, MAT28 10% Manufacturing Concentrate, KJM44 0.064G Turf, KJM44 0.053G Turf, KJM44 0.032G Turf, KJM44 0.073G Lawn, KJM44 0.065G Lawn, KJM44 0.059G Lawn, KJM44 0.053G Lawn, KJM44 0.049G Lawn, KJM44 0.039G, KJM44 0.037G Lawn, KJM44 0.033G Lawn, KJM44 0.03G Lawn, KJM44 0.027G Lawn, KJM44 0.024G Lawn, KJM44 0.02G Lawn, MAT28 0.06G Turf, MAT28 0.05G Turf, MAT28 0.03G Turf and MAT28 0.068G Lawn Herbicide. Transmittal of 4 Studies.

47573400 E.I. DuPont de Nemours and Company (2008) Submission of Product Chemistry and Toxicity Data in Support of the Applications for Registration of DuPont DPX- MAT28 Technical, KJM44 Technical, KJM44 80 MUP, KJM44 80XP, MAT28 24SL , MAT28 50SG, Q2B37, Q2B38, Q2B39, QKJ02, KJM44 80XP Turf, MAT28 2400SL Turf, MAT28 50SG Turf, KJM44 10% Manufacturing Concentrate, MAT28 10% Manufacturing Concentrate, KJM44 0.064G Turf, KJM44 0.053G Turf, KJM44 0.032G Turf, KJM44 0.073G Lawn, KJM44 0.065G Lawn, KJM44 0.059G Lawn, KJM44 0.053G Lawn, KJM44 0.049G Lawn, KJM44 0.039G, KJM44 0.037G Lawn, KJM44 0.033G Lawn, KJM44 0.03G Lawn, KJM44 0.027G Lawn, KJM44 0.024G Lawn, KJM44 0.02G Lawn, MAT28 0.06G Turf, MAT28 0.05G Turf, MAT28 0.03G Turf and MAT28 0.068G Lawn Herbicide. Transmittal of 4 Studies.

47575100 E.I. DuPont de Nemours and Company (2008) Submission of Toxicity and Environmental Fate Data in Support of the Applications for Registration of DuPont DPX - MAT28 Technical, KJM44 Technical, KJM44 80 MUP, KJM44 80XP, MAT28 24OSL, MAT28 50SG, Q2B37, Q2B38, Q2B39, QKJ02, KJM44 80XP Turf, MAT28 240SL Turf, MAT28 50SG Turf, KJM44 10% Manufacturing Concentrate, MAT28 10% Manufacturing Concentrate, KJM44 0.064G, KJM44 0.053G, KJM44 0.032G, KJM44 0.072G, KJM44 0.065G, KJM44 0.059G, KJM44 0.053G, KJM44 0.049G, KJM44 0.039, KJM44 0.037G, KJM44 0.033G, KJM44 0.03G, KJM44 0.027G, KJM44 0.024G, KJM44 0.02G, MAT28 0.06G, MAT28 0.05G, MAT28 0.03G, MAT28 0.068G Herbicide. Transmittal of 2 Studies.

47575100 E.I. DuPont de Nemours and Company (2008) Submission of Toxicity and Environmental Fate Data in Support of the Applications for Registration of DuPont DPX - MAT28 Technical, KJM44 Technical, KJM44 80 MUP, KJM44 80XP, MAT28 24OSL, MAT28 50SG, Q2B37, Q2B38, Q2B39, QKJ02, KJM44 80XP Turf, MAT28 240SL Turf, MAT28 50SG Turf, KJM44 10% Manufacturing Concentrate, MAT28 10% Manufacturing Concentrate, KJM44 0.064G, KJM44 0.053G, KJM44 0.032G, KJM44 0.072G, KJM44 0.065G, KJM44 0.059G, KJM44 0.053G, KJM44 0.049G, KJM44 0.039, KJM44 0.037G, KJM44 0.033G, KJM44 0.03G, KJM44 0.027G, KJM44 0.024G, KJM44 0.02G, MAT28 0.06G, MAT28 0.05G, MAT28 0.03G, MAT28 0.068G Herbicide. Transmittal of 2 Studies.

47725700 E.I. du Pont de Nemours and Co., Inc. (2009) Submission of Toxicity Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical, DPX-KJM44 Technical, DPX-KJM44 80 MUP, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG, DPX-Q2B37, DPX-Q2B39, DPX-QKJ02, DPX-KJM44 80XP Turf, DPX-MAT28 240SL Turf, DPX-MAT28 50SG Turf, DPX-KJM44 10%, DPX-MAT28 10%, DPX-KJM44 0.064G, DPX-KJM44 0.064G, DPX-KJM44 0.053G, DPX-KJM44 0.032G, DPX-KJM44 0.073G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPX-KJM44 0.027G, DPX-KJM44 0.024, DPX-KJM44 0.02G, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G and DPX-MAT28 0.068 Herbicide. Transmittal of 2 Studies.

47725700 E.I. du Pont de Nemours and Co., Inc. (2009) Submission of Toxicity Data in Support of the Applications for Registration of DuPont DPX-MAT28 Technical, DPX-KJM44 Technical, DPX-KJM44 80 MUP, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG, DPX-Q2B37, DPX-Q2B39, DPX-QKJ02, DPX-KJM44 80XP Turf, DPX-MAT28 240SL Turf, DPX-MAT28 50SG Turf, DPX-KJM44 10%, DPX-MAT28 10%, DPX-KJM44 0.064G, DPX-KJM44 0.064G, DPX-KJM44 0.053G, DPX-KJM44 0.032G, DPX-KJM44 0.073G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053, DPX-KJM44 0.049G, DPX-KJM44 0.039G, DPX-KJM44 0.037G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPX-KJM44 0.027G, DPX-KJM44 0.024, DPX-KJM44 0.02G, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G and DPX-MAT28 0.068 Herbicide. Transmittal of 2 Studies.

47781600 E. I. Du Pont De Nemours and Co., Inc (2009) Submission of Product Chemistry Data in Support of the Applications for Registration of DuPont Plainview Herbicide, DuPont Viewpoint Herbicide, DuPont Streamline Herbicide and DuPont Perspective Herbicide. Transmittal of 12 Studies.

47835700 E. I. du Pont de Nemours and Company (2009) Submission of Environmental Fate Data in Support of the Applications for Registration of DPX-MAT28 Technical Herbicide, DPX-KJM44 Technical Herbicide, DPX-KJM44 80 MUP, DPX-KJM44 80XP, DPX-MAT28 240SL, DPX-MAT28 50SG, DPX-Q2B37, DPX-Q2B38, DPX-Q2B39, DPX-QKJ02, DPX-KJM44 80XP Turf, DPX-MAT28 240SL Turf, DPX-MAT28 50SG Turf, DPX-KJM44 10%, DPX-MAT28 10%, DPX-KJM44 0.064G, DPX-KJM44 0.053G, DPX-KJM44 0.032G, DPX-KJM44 0.073G, DPX-KJM44 0.065G, DPX-KJM44 0.059G, DPX-KJM44 0.053G Lawn, DPX-KJM44 0.049G, DPX-KJM44 0.037G, DPX-KJM44 0.039G, DPX-KJM44 0.033G, DPX-KJM44 0.03G, DPX-KJM44 0.027G, DPX-KJM44 0.024G, DPX-KJM44 0.02G, DPX-MAT28 0.06G, DPX-MAT28 0.05G, DPX-MAT28 0.03G and DPX-MAT28 0.068G. Transmittal of 1 Study.

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