Form Approved OMB No. 2070-0060

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**401 M Street, S.W.**
**WASHINGTON, D.C. 20460**

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Do not send the completed form to this address.

## Certification with Respect to Citation of Data

| | |
|---|---|
| Applicant's/Registrant's Name, Address, and Telephone Number<br>LG Life Sciences, Ltd. c/o BIOLOGIC, Inc. 115 Obtuse Hill Rd. Brookfield, CT 06804 | EPA Registration Number/File Symbol<br>71532-1 |
| Active Ingredient(s) and/or representative test compound(s)<br>Permethrin | Date<br>September 24, 2004 |
| General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158)<br>Terrestrial Food, Terrestrial Non-Food, Greenhouse Non-Food, Domestic Outdoor, Indoor, | Product Name<br>LG Permethrin Technical |

**NOTE:** If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ *I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).*

**SECTION I: METHOD OF DATA SUPPORT** (Check *one method only*)

| | |
|---|---|
| ☐ I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose). | ☑ I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used). |

**SECTION II: GENERAL OFFER TO PAY**

[*Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements*]

☑ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

**SECTION III: CERTIFICATION**

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses .

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (I) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

**I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.**

| Signature | Date | Typed or Printed Name and Title |
|---|---|---|
| J M Miller | 9/24/04 | Jane M. Miller Agent for LG Life Sciences, Ltd. |

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**DATA MATRIX**

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|---|---|---|
| Date September 24, 2004 | EPA Reg. No./File Symbol 71532-1 | Page 1 of 12 |
| Applicant's/Registrant's Name & Address | Product: | |
| LG Life Sciences, Ltd. c/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | LG Permethrin Technical | |
| Ingredient Permethrin | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| 830-1550 | Product Identity and Composition | 44707101 | LG Life Sciences, Ltd. | Own | |
| 830.1600 | Description of Materials Used to Produce the Product | 44707101 | LG Life Sciences, Ltd. | Own | |
| 830.1620 | Description of Production Process | 44707101 | LG Life Sciences, Ltd. | Own | |
| 830-1650 | Description of Formulation Process | | | | 1 |
| 830.1670 | Discussion of Formation of Impurities | 44707101 | LG Life Sciences, Ltd. | Own | |
| 830-1700 | Preliminary Analysis | 44706701 | LG Life Sciences, Ltd. | Own | |
| 830.1750 | Certified Limits | 44706701 | LG Life Sciences, Ltd. | Own | |
| 830.1800 | Enforcement Analytical Method | 44706701 | LG Life Sciences, Ltd. | Own | |
| 830.1900 | Submittal of Samples | | | | 2 |
| 830.6302 | Color | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.6303 | Physical State | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.6304 | Odor | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.6313 | Stability to normal & elevated temp., metal, metal ion ions | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.6314 | Oxidation/Reduction | | | | 3 |
| 830.6315 | Flammability / Flame Extension | | | | 4 |
| 830.6316 | Explodability | | | | 5 |

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|---|---|---|
| Signature | Name and Title | Date |
| | Lawrence A. Miller Consultant to LG Life Sciences, Ltd. | 9/24/04 |

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|---|---|---|---|---|---|
| | | | LG Life Sciences, Ltd. | Own | |
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|---|---|---|
| Signature | Name and Title | Date |
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| LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | | | LG Permethrin Technical | | |
| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 830.6317 | Storage Stability | | | | 6 |
| 830.6319 | Miscibility | | | | 7 |
| 830.6320 | Corrosion Characteristics | | | | 8 |
| 830.6321 | Dielectric Breakdown Voltage | | | | 9 |
| 830.7000 | pH | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.7050 | UV/Visible Spectrum | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.7100 | Viscosity | | | | 10 |
| 830.7200 | Melting Point/ Melting Range | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.7300 | Density | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.7370 | Dissociation Constant | | | | 11 |
| 830.7550 | Partition Coefficient | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.7840 | Water Solubility | 44707201 | LG Life Sciences, Ltd. | Own | |
| 830.7950 | Vapor Pressure | 44707201 | LG Life Sciences, Ltd. | Own | |
| Signature | | | Name and Title | | Date |
| | | | Lawrence A. Miller Consultant to LG Life Sciences, Ltd. | | 9/24/04 |

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| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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| | | | LG Life Sciences, Ltd. | Own | |
| Signature | | | Name and Title | | Date |
| | | | Lawrence A. Miller, Consultant to LG Life Sciences, Ltd. | | 9/24/04 |

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| LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | | | LG Permethrin Technical | | |
| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 850.1010 | Aquatic Invertebrate Acute Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.1020 | Gammarid acute toxicity test | Cite-All | FMC Corp. | Pay | |
| 850.1025 | Oyster Acute toxicity | Cite-All | FMC Corp. | Pay | |
| 850.1035 | Mysid Acute Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.1045 | Penaeid acute toxicity test | Cite-All | FMC Corp. | Pay | |
| 850-1055 | Bivalve Acute Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.1075 | Fish Acute Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.1085 | Fish acute toxicity mitigated by humic acidcITE-aLL | Cite-All | FMC Corp. | Pay | |
| 850.1300 | Daphnid Chronic Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.1350 | Mysid chronic toxicity test | Cite-All | FMC Corp. | Pay | |
| 850.1400 | Fish Early-Life Stage ToxicitycITE-aLL | Cite-All | FMC Corp. | Pay | |
| 850.1500 | Fish life cycle toxicity | Cite-All | FMC Corp. | Pay | |
| 850.1710 | Oyster BCF | Cite-All | FMC Corp. | Pay | |
| 850.1730 | Fish BCF | Cite-All | FMC Corp. | Pay | |
| 850.1735 | Whole sediment acute toxicity invertebrates, freshwater | Cite-All | FMC Corp. | Pay | |
| 850.1740 | Whole sediment acute toxicity invertebrates, marine | Cite-All | FMC Corp. | Pay | |
| 850.1790 | Chronimid sediment toxicity test | Cite-All | FMC Corp. | Pay | |
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| Ingredient Permethrin | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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| | | | FMC Corp. | Pay | |
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| LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | | | LG Permethrin Technical | | |
| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 850.1800 | Tadpole/sediment subchronic toxicity test | Cite-All | FMC Corp. | Pay | |
| 850.1850 | Aquatic food chain transfer | Cite-All | FMC Corp. | Pay | |
| 850.1900 | Generic freshwater microcosm test, laboratory | Cite-All | FMC Corp. | Pay | |
| 850.1925 | Site-specific aquatic microcosm test, laboratory | Cite-All | FMC Corp. | Pay | |
| 850.1950 | Field Testing | Cite-All | FMC Corp. | Pay | |
| 850.2100 | Avian Acute Oral Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.2200 | Avian Dietary Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.2300 | Avian Reproduction | Cite-All | FMC Corp. | Pay | |
| 850.2400 | Wild mammal acute toxicity | Cite-All | FMC Corp. | Pay | |
| 850.2450 | Terrestrial (soil-core) microcosm test | Cite-All | FMC Corp. | Pay | |
| 850.2500 | Field testing for terrestrial wildlife | Cite-All | FMC Corp. | Pay | |
| 850.3020 | Honey bee acute contact toxicity | Cite-All | FMC Corp. | Pay | |
| 850.3030 | Honey bee toxicity of residues on foliage | Cite-All | FMC Corp. | Pay | |
| 850.3040 | Field testing for pollinators | Cite-All | FMC Corp. | Pay | |
| 850.4025 | Target area phytotoxicity | Cite-All | FMC Corp. | Pay | |
| 850.4100 | Terrestrial plant toxicity, Tier I | Cite-All | FMC Corp. | Pay | |
| 850.4150 | Terrestrial plant toxicity, Tier I (vegetative vigor) | Cite-All | FMC Corp. | Pay | |
| 850.4200 | Seed germination root elongation toxicity test | Cite-All | FMC Corp. | Pay | |
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Ingredient Permethrin

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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| | | | FMC Corp. | Pay | |
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| Ingredient Permethrin | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| 850.4225 | Seedling emergence, Tier II | Cite-All | FMC Corp. | Pay | |
| 850.4230 | Early seedling growth toxicity test | Cite-All | FMC Corp. | Pay | |
| 850.4250 | Vegetative vigor, Tier II | Cite-All | FMC Corp. | Pay | |
| 850.4300 | Terrestrial plants, field study, Tier III | Cite-All | FMC Corp. | Pay | |
| 850.4400 | Aquatic Plant Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.4450 | Aquatic plants, field study, Tier III | Cite-All | FMC Corp. | Pay | |
| 850.4600 | *Rhizobium*-legume toxicity | Cite-All | FMC Corp. | Pay | |
| 850.4800 | Plant uptake and translocation test | Cite-All | FMC Corp. | Pay | |
| 850.5100 | Soil microbial community toxicity test | Cite-All | FMC Corp. | Pay | |
| 850.5400 | Algal Toxicity | Cite-All | FMC Corp. | Pay | |
| 850.6200 | Earthworm subchronic toxicity test | Cite-All | FMC Corp. | Pay | |
| 850.6800 | Modified activated sludge, respiration inhibition test for | Cite-All | FMC Corp. | Pay | |
| 870.1100 | Acute Oral Toxicity | Cite-All | FMC Corp. | Pay | |
| 870.1200 | Acute Dermal Toxicity | Cite-All | FMC Corp. | Pay | |
| 870.1300 | Acute Inhalation Toxicity | Cite-All | FMC Corp. | Pay | |
| 870.1350 | Acute inhalation toxicity with histopathology | Cite-All | FMC Corp. | Pay | |
| 870.2400 | Acute Eye Irritation | Cite-All | FMC Corp. | Pay | |

| | | |
|---|---|---|
| Signature | Name and Title | Date |
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|---|---|---|
| Date September 24, 2004 | EPA Reg. No./File Symbol 71532-1 | Page 5 of 12 |
| Applicant's/Registrant's Name & Address | Product | |
| LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | LG Permethrin Technical | |
| Ingredient Permethrin | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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| | | | FMC Corp. | Pay | |
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|---|---|---|
| Signature | Name and Title | Date |
| | Lawrence A. Miller, Consultant to LG Life Sciences, Ltd. | 9/24/04 |

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| Applicant's/Registrant's Name & Address | | | Product: | | |
| LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | | | LG Permethrin Technical | | |
| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 870.2500 | Acute Dermal Irritation | Cite-All | FMC Corp. | Pay | |
| 870.2600 | Skin Sensitization | Cite-All | FMC Corp. | Pay | |
| 870.3100 | 90-Day Oral Toxicity | Cite-All | FMC Corp. | Pay | |
| 870.3150 | Subchronic Non-Rodent Oral Toxicity | Cite-All | FMC Corp. | Pay | |
| 870.3200 | Repeated dose dermal toxicity | Cite-All | FMC Corp. | Pay | |
| 870.3250 | Subchronic dermal toxicity – 90 days | Cite-All | FMC Corp. | Pay | |
| 870.3465 | Subchronic inhalation toxicity | Cite-All | FMC Corp. | Pay | |
| 870.3500 | Preliminary developmental toxicity screen | Cite-All | FMC Corp. | Pay | |
| 870.3600 | Inhalation development toxicity | Cite-All | FMC Corp. | Pay | |
| 870.3700 | Prenatal development | Cite-All | FMC Corp. | Pay | |
| 870.3800 | Reproduction and fertility effects | Cite-All | FMC Corp. | Pay | |
| 870.4100 | Chronic toxicity | Cite-All | FMC Corp. | Pay | |
| 870.4200 | Carcinogenicity | Cite-All | FMC Corp. | Pay | |
| 870.4300 | Combined chronic toxicity/carcinogenicity | Cite-All | FMC Corp. | Pay | |
| 870.5100 | Escherichia coli WP2 and WP2 uvrA reverse mutation assays | Cite-All | FMC Corp. | Pay | |
| 870.5140 | Gene mutations | Cite-All | FMC Corp. | Pay | |
| 870.5195 | Mouse biochemical specific locus test | Cite-All | FMC Corp. | Pay | |
| 870.5200 | Mouse visible specific locus test | Cite-All | FMC Corp. | Pay | |
| Signature | | | Name and Title | | Date |
| | | | Lawrence A. Miller Consultant to LG Life Sciences, Ltd. | | 9/24/04 |

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| Applicant's/Registrant's Name & Address<br>LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | Product<br>LG Permethrin Technical | |
| Ingredient Permethrin | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| | | | FMC Corp. | Pay | |
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| LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | | | LG Permethrin Technical | | |
| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 870.5250 | Gene mutation in *Neurospora crassa* | Cite-All | FMC Corp. | Pay | |
| 870.5265 | *Salmonella* Reverse Mutation Assay | Cite-All | FMC Corp. | Pay | |
| 870.5275 | Sex-linked recessive lethal test in *Drosophila melanogaster* | Cite-All | FMC Corp. | Pay | |
| 870.5300 | Detection of gene mutations in somatic cells in culture | Cite-All | FMC Corp. | Pay | |
| 870.5375 | In vitro mammalian cytogenetics | Cite-All | FMC Corp. | Pay | |
| 870.5380 | In vivo mammalian cytogenetics tests; spermatogonial chrom. | Cite-All | FMC Corp. | Pay | |
| 870.5385 | Bone Marrow Chromosomal Analysis | Cite-All | FMC Corp. | Pay | |
| 870.5395 | In vivo mammalian cytogenetics tests; Erythrocyte micronucleu | Cite-All | FMC Corp. | Pay | |
| 870.5450 | Rodent Dominant Lethal Assay | Cite-All | FMC Corp. | Pay | |
| 870.5460 | Rodent heritable translocation assays | Cite-All | FMC Corp. | Pay | |
| 870.5500 | Bacterial DNA damage or repair tests | Cite-All | FMC Corp. | Pay | |
| 870.5550 | Unscheduled DNA Synthesis | Cite-All | FMC Corp. | Pay | |
| 870.5575 | Mitotic Gene Conversion in *Saccharomyces* | Cite-All | FMC Corp. | Pay | |
| 870.5900 | In Vitro sister chromated exchange assay | Cite-All | FMC Corp. | Pay | |
| 870.5915 | In Vivo sister chromatid exchange assay | Cite-All | FMC Corp. | Pay | |
| 870.6100 | Delayed neurotoxicity of organophos. foll. 28-day exposure | Cite-All | FMC Corp. | Pay | |
| 870.6200 | Neurotoxicity Screening Battery | Cite-All | FMC Corp. | Pay | |
| Signature | | | Name and Title | | Date |
| | | | Lawrence A. Miller Consultant to LG Life Sciences, Ltd. | | 9/24/04 |

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| Ingredient Permethrin | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|---|---|---|---|---|---|
| | | | FMC Corp. | Pay | |
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|---|---|---|
| Signature | Name and Title<br>Lawrence A. Miller, Consultant to LG Life Sciences, Ltd. | Date<br>9/24/04 |

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| LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | | | LG Permethrin Technical | | |
| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 870.6300 | Developmental neurotoxicity strudy | Cite-All | FMC Corp. | Pay | |
| 870.6500 | Schedule-controlled operant behavior | Cite-All | FMC Corp. | Pay | |
| 870.6850 | Peripheral nerve function | Cite-All | FMC Corp. | Pay | |
| 870.6855 | Neurophysiology: Sensory evoked potentials | Cite-All | FMC Corp. | Pay | |
| 870.7485 | Metabolism and Pharmacokenetics | Cite-All | FMC Corp. | Pay | |
| 870.8223 | Pharmacokinetic test | Cite-All | FMC Corp. | Pay | |
| 870.8245 | Dermal pharmacokinetics of DGBE and DGBA | Cite-All | FMC Corp. | Pay | |
| 870.8300 | Dermal absorption for compounds vol. & met. to carbon diox | Cite-All | FMC Corp. | Pay | |
| 870.8320 | Oral/dermal pharmacokinetics | Cite-All | FMC Corp. | Pay | |
| 870.8340 | Oral and inhalation pharmacokinetic test | Cite-All | FMC Corp. | Pay | |
| 870.8360 | Pharacokinyeics of isopropanol | Cite-All | FMC Corp. | Pay | |
| 870.8380 | Inhalation and dermal pharmacokinetics of com. hexane | Cite-All | FMC Corp. | Pay | |
| 870.8500 | Toxicokinetic test | Cite-All | FMC Corp. | Pay | |
| 870.8600 | Developmental neurotoxicity screen | Cite-All | FMC Corp. | Pay | |
| 870.8700 | Subchronic oral toxicity test | Cite-All | FMC Corp. | Pay | |
| 870.8800 | Morphologic transformation of cells in culture | Cite-All | FMC Corp. | Pay | |
| Signature | | | Name and Title | | Date |
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| Ingredient Permethrin | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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| | | | FMC Corp. | Pay | |
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| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 161-1 | Hydrolysis | Cite-All | FMC Corp. | Pay | |
| 161-2 | Photodegradation – Water | Cite-All | FMC Corp. | Pay | |
| 161-3 | Photodegradation – Soil | Cite-All | FMC Corp. | Pay | |
| 161-4 | Photodegradation - Air | Cite-All | FMC Corp. | Pay | |
| 162-1 | Aerobic Soil Metabolism | Cite-All | FMC Corp. | Pay | |
| 162-2 | Anaerobic Soil Metabolism | Cite-All | FMC Corp. | Pay | |
| 162-3 | Anaerobic Aquatic Metabolism | Cite-All | FMC Corp. | Pay | |
| 162-4 | Aerobic Aquatic Metabolism | Cite-All | FMC Corp. | Pay | |
| 163-1 | Leaching/Adsorption and Desorption | Cite-All | FMC Corp. | Pay | |
| 163-2 | Volatility – Lab | Cite-All | FMC Corp. | Pay | |
| 163-3 | Volatility - Field | Cite-All | FMC Corp. | Pay | |
| 164-1 | Terrestrial Field Dissipation | Cite-All | FMC Corp. | Pay | |
| 164-2 | Aquatic Field Dissipation | Cite-All | FMC Corp. | Pay | |
| 164-3 | Forestry dissipation | Cite-All | FMC Corp. | Pay | |
| 164-4 | Combination and tank mixes | Cite-All | FMC Corp. | Pay | |
| 164-5 | Terrestrial field dissipation (long-term) | Cite-All | FMC Corp. | Pay | |
| Signature | | | Name and Title | | Date |
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| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 165-1 | Confined Rotational Crop | Cite-All | FMC Corp. | Pay | |
| 165-2 | Field Rotational Crop | Cite-All | FMC Corp. | Pay | |
| 165-3 | Rotation in irrigated crops | Cite-All | FMC Corp. | Pay | |
| 165-4 | Bioaccumulation in Fish | Cite-All | FMC Corp. | Pay | |
| 165-5 | Bioaccumulation in aquatic non-target organisms | Cite-All | FMC Corp. | Pay | |
| 860.1300 | Nature of residues – plants, livestock | Cite-All | FMC Corp. | Pay | |
| 860.1340 | Residue analytical method | Cite-All | FMC Corp. | Pay | |
| 860.1360 | Multiresidue method | Cite-All | FMC Corp. | Pay | |
| 860.1380 | Storage stability | Cite-All | FMC Corp. | Pay | |
| 860.1400 | Water, fish, and irrigated crops | Cite-All | FMC Corp. | Pay | |
| 860.1460 | Food handling | Cite-All | FMC Corp. | Pay | |
| 860.1480 | Residues in meat/milk/poultry/eggs | Cite-All | FMC Corp. | Pay | |
| 860.1500 | Residues in crop field trials | Cite-All | FMC Corp. | Pay | |
| 860.1520 | Residues in processed food/feed | Cite-All | FMC Corp. | Pay | |
| 860.1850 | Confined accumulation in rotational crops | Cite-All | FMC Corp. | Pay | |
| 860.1900 | Field accumulation in rotational crops | Cite-All | FMC Corp. | Pay | |
| Signature | | | Name and Title | | Date |
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| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
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| Signature | | | Name and Title | | Date |
| | | | Lawrence A. Miller, Consultant to LG Life Sciences, Ltd. | | 9/24/04 |

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
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**WASHINGTON, D.C. 20460**

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**DATA MATRIX**

| | | | | | |
|---|---|---|---|---|---|
| Date September 24, 2004 | | | EPA Reg. No./File Symbol 71532-1 | | Page 11 of 12 |
| Applicant's/Registrant's Name & Address | | | Product | | |
| LG Life Sciences, Ltd. C/o BIOLOGIC, Inc. 115 Obtuse Hill Road Brookfield, CT 06804 | | | LG Permethrin Technical | | |
| Ingredient Permethrin | | | | | |
| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
| 840.1000 | Background for pesticide aerial drift evaluation | Cite-All | Spray Drift Task Force | Pay | |
| 840.1100 | Spray Droplet Size Spectrum | Cite-All | Spray Drift Task Force | Pay | |
| 840.1200 | Spray Drift Field Deposition | Cite-All | Spray Drift Task Force | Pay | |
| 875.1100 | Dermal exposure - outdoor | Cite-All | ORETF/ARTF | Pay | |
| 875.1200 | Dermal exposure - indoor | Cite-All | ORETF/ARTF | Pay | |
| 875.1300 | Inhalation exposure - outdoor | Cite-All | ORETF/ARTF | Pay | |
| 875.1400 | Inhalation exposure - indoor | Cite-All | ORETF/ARTF | Pay | |
| 875.1500 | Biological monitoring | Cite-All | ORETF/ARTF | Pay | |
| 875.1600 | Application exposure monitoring data reporting | Cite-All | ORETF/ARTF | Pay | |
| 875.2100 | Foliar Dislodgeable Residue Dissipation | Cite-All | ORETF/ARTF | Pay | |
| 875.2200 | Soil Residue Dissipation | Cite-All | ORETF/ARTF | Pay | |
| 875.2400 | Dermal Exposure | Cite-All | ORETF/ARTF | Pay | |
| 875.2500 | Inhalation Exposure | Cite-All | ORETF/ARTF | Pay | |
| 875.2600 | Biological Monitoring | Cite-All | ORETF/ARTF | Pay | |
| 875.2800 | Descriptions of Human Activity | Cite-All | ORETF/ARTF | Pay | |
| 875.2900 | Data Reporting and Calculations | Cite-All | ORETF/ARTF | Pay | |
| Signature | | | Name and Title | | Date |
| | | | Lawrence A. Miller Consultant to LG Life Sciences, Ltd. | | 9/24/04 |

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| | | | Spray Drift Task Force | Pay | |
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## DATA MATRIX FOOTNOTES

1. **Description of Formulation Process:** Not applicable because the product is a TGAI.
2. **Submittal of Samples:** Not required at this time.
3. **Oxidation/Reduction:** Not applicable. Product does not contain an oxidizing or reducing agent.
4. **Flammability / Flame Extension:** Not applicable. Product does not contain combustible liquids.
5. **Explodability:** Not applicable. Product is not potentially explosive.
6. **Storage Stability:** Not required for a TGAI.
7. **Miscibility:** Not applicable. Product is not intended for dilution with petroleum solvents.
8. **Corrosion Characteristics:** Not required for a TGAI.
9. **Dielectric Breakdown Voltage:** Not applicable. Product is not intended for use around electrical equipment.
10. **Viscosity:** Not required because product is a solid.
11. **Dissociation Constant:** Product does not dissociate.