

NYSDEC Pesticide Registration Review Data Requirements

Checklist of Study Reviews Required for New York State Registration of a Conventional Chemical Pesticide

Type of application:	NAI		MCL		Active Ingredient:	
Product(s):						

Part 1. TGAI Studies. Use the following chart to describe the status of EPA-refereed reviews of studies conducted to support EPA registration. The reviews can be either individual DERs or study summaries in the OECD Tier II Summary format. For each guideline, use the **Status** column to indicate if that study was required, not required, or waived. Use the **Availability** column to indicate if a review of the study was submitted (to New York with this data package), is unavailable, or that correspondence is included regarding the availability of a particular study review. Enter the MRID of the study in the last column, or a brief comment. Except for Group A – Acute Toxicology, the reviews of studies listed in Part 1 should only include studies conducted with technical grade active ingredient (TGAI). Reviews of studies conducted with Typical end-use products (TEP), or metabolites/degradates are listed in Part 2, below.

US EPA Guideline No.	Test/Study	EPA DER or OECD Format Summary						MRID or Comments
		STATUS			AVAILABILITY			
		Required	Not Required	Waived	Submitted	Unavailable	Correspondence	
Physical and Chemical Properties								
830.7840	Water solubility							
Fate, Transport, and Transformation								
835.1220	Sediment and Soil Adsorption/Desorption							
835.1230	Adsorption/Desorption (Batch Equilibrium)							
835.1240	Leaching studies							
835.2120	Hydrolysis							
835.2240	Photodegradation in Water							

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835.2410	Photodegradation in Soil							
835.4100	Aerobic Soil Degradation							
835.4200	Anaerobic Soil Degradation							
835.4300	Aerobic Aquatic Metabolism							
835.4400	Anaerobic Aquatic Metabolism							
835.6100	Terrestrial Field Dissipation							
835.6200	Aquatic (Sediment) Field Dissipation							
ECOTOXICOLOGY								
Group A – Aquatic and Sediment-dwelling Fauna								
850.1010	Aquatic Invertebrate Acute Toxicity Test, Freshwater, Daphnids							
850.1020	Gammarid Acute Toxicity Test							
850.1025	Oyster Acute Toxicity Test (shell deposition)							
850.1035	Mysid Acute Toxicity Test							
850.1045	Penaeid Acute Toxicity Test							
850.1055	Bivalve Acute Toxicity Test (embryo-larval)							
850.1075	Fish Acute Toxicity Test, warmwater species							
850.1075	Fish Acute Toxicity Test, coldwater species							
850.1075	Fish Acute Toxicity Test, marine/estuarine species							
850.1300	Daphnid Chronic Toxicity Test							

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850.1350	Mysid Chronic Toxicity Test							
850.1400	Fish Early-Life Stage Toxicity Test, freshwater species							
850.1400	Fish Early-Life Stage Toxicity Test, Marine/estuarine species							
850.1500	Fish Life Cycle Toxicity Test, freshwater species							
850.1500	Fish Life Cycle Toxicity Test, Marine/estuarine species							
850.1710	Oyster Bioconcentration							
850.1730	Fish Bioconcentration							
850.1735	Whole sediment Acute Toxicity, Invertebrates, Freshwater							
850.1740	Whole sediment Acute Toxicity, Invertebrates, Marine							
850.1790	Chironomid Sediment Toxicity Test							
850.1800	Tadpole/Sediment Subchronic Toxicity Test							
850.1800	Aquatic Food Chain Transfer							
850.1900	Generic freshwater microcosm							
850.1925	Site-specific aquatic microcosm							
Group B – Terrestrial Wildlife								
850.2100	Avian Acute Oral Test, Bobwhite quail							
850.2100	Avian Acute Oral Test, Mallard Duck							
850.2100	Avian Acute Oral Test, Passerine species							

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850.2200	Avian Dietary Toxicity Test, 5 Day, Bobwhite quail							
850.2200	Avian Dietary Toxicity Test, 5 Day, mallard duck							
850.2300	Avian Reproduction Test, Bobwhite quail							
850.2300	Avian reproduction Test, Mallard duck							
850.2400	Wild mammal toxicity testing							
Group C – Terrestrial Beneficial Insects								
850.3020	Honey Bee Acute Contact Toxicity Test							
850.3020	Honey Bee Toxicity of Residues on Foliage Test							
850.3100	Earthworm Subchronic Toxicity Test							
Group D – Aquatic Plants								
850.4400	Aquatic Plant Toxicity, Lemna gibba							
850.4500	Algal Toxicity, freshwater green alga <i>Pseudokirchneriella subcapitata</i>							
850.4500	Algal Toxicity, Freshwater diatom, <i>Navicula pelliculosa</i>							
850.4500	Algal Toxicity, Marine diatom <i>Skeletonema costatum</i>							
850.4550	Cyanobacteria (<i>Anabaena flos-aquae</i>) Toxicity							

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DERs/Review Summaries for the following non-guideline studies, if available								
	Micro, Mesocosm studies							
	Runoff studies							
	Surface water monitoring studies							
Other:								
TOXICOLOGY								
Group A – Acute Toxicity								
870.1100	Acute Oral, rat	TGAI						
		TEP						
870.1200	Acute dermal	TGAI						
		TEP						
870.1300	Acute inhalation (rat)	TGAI						
		TEP						
870.2400	Primary eye irritation (rabbit)	TGAI						
		TEP						
870.2500	Primary dermal irritation	TGAI						
		TEP						
870.2600	Dermal sensitization	TGAI						
		TEP						

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Group B – Subchronic Toxicity								
870.3100	90-Day Oral (rodent)							
870.3150	90-Day Oral (dog)							
870.3200	21/28-Day Dermal							
870.3250	90-Day Dermal							
870.3465	90-Day Inhalation							
870.3700a	Developmental (rat)							
870.3700b	Developmental (rabbit)							
Group C – Chronic Toxicity								
870.4100	Chronic/feeding (dog)							
870.4200	Chronic feeding/carcinogenicity (rat)							
870.4200	Chronic feeding/carcinogenicity (mouse)							
870.4300	Multi-generation reproduction (rat)							
Group D – Genetic Toxicity								
870.5100	Bacterial reverse mutation (Ames)							
870.5300 870.5375	<i>In vitro</i> Mammalian Cell Assay							
870.5385 870.5375	<i>In vivo</i> Cytogenetics							

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Group E - Neurotoxicity								
870.6200	Acute neurotoxicity (rat)							
870.6300	Developmental Neurotoxicity							
Group F – Special Studies								
870.7200	Companion animal safety							
870.7485	Metabolism/Pharmacokinetics							
870.7600	Dermal penetration							
870.7800	Immunotoxicity							
Other:								
Additional Material (non-guideline)								
Efficacy (public health claims)								
US EPA Occupational Risk Assessment								
US EPA Human Health Risk Assessment								
US EPA Carcinogenicity Assessment								
Environmental Fate and Effects Division Review								
Reduced Risk Rationale								

Part 2. Reviews of studies conducted with end-use products or metabolites/degradates. In column 1, check the category which applies. In column 2, enter the name or other identifier of the test material. In column 3, enter the applicable guideline. In column 4, enter the MRID or any other comment.

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Category		Test Material Identifier	Guideline	MRID or Comment
TEP	MET			