Application form of Requirements for Agro-pesticide Registration (pheromone pesticide)

Applicant	(Stamp)		Address		
Person in charge	(Stamp)				
Tel. No.		Fax.		E-mail	
Common name			Target pests		
Application category	□ A. New active ingredients □ B. New formulation or content (includes mixture) □ C. New range of use □ D. Have been registered for 8 years (□New source technical material) □ S. Other (_____) Please fill or check the box to select the item				
Has applied for or registered for: Product Intended use License No.					

1. Product Informaton：

1.1 Identity

1.1.1 Formulation and concentration: _____

1.1.2 Brand name (product code): Chinese name: _____ English name: _____

1.2 Active ingredients: (If more than one, please use additional fields)

1.2.1 Common Name: (Chinese) _____

(English) _____

1.2.2 Chemical name: (IUPAC) _____

(CA) _____

1.2.4 Molecular formula _____

1.2.5 Molecular weight _____

1.2.6 CAS RN _____

1.2.7 CIPAC #： _____

1.2.8 RAC code _____

1.2.9 Classification _____

1.2.10 Mode of action

1.2.3 Structure formula：

2. The composition and physical-chemical properties of the technical grade agro-pesticide (If more than one, please use additional fields)

2.1 Nominal content (or certified limited)：_____

※The value should be based on the five batch analysis data

2.2 Manufacturer:

2.2.1 Name _____

2.2.2 Address _____

2.2.3 Country _____

2.2.4 Source of authority _____

2.3 Registration Company _____

2.4 License No. _____

2.5 Composition

2.5.1 Data information

Report title: _____

Report No. _____ Report date：_____

Test facility: _____

GLP registered org.: □ Yes, Registered No., Country, Expiration date _____

□ No

2.5.2 The composition of technical material (TC):

	No.	Name or code	Chemical name	CAS No	Content (%) Upper limit	Lower limit	Mean ±SD	Remarks
Active ingredients:	1							
	2							
Other ingredients：(impurity)	1							
	2							

2.5.3 The composition of technical concentrate (TK):

No.	Name or code	Chemical name	CAS No	Content (%)	Remarks

Active ingredients:	1					
Other ingredients	1					

2.6 The physical-chemical properties of technical material(TC)

Test item	Result	Test material (purity / batch No.)	Condition and Method	Test facility (GLP registered status)and report No.
2.6.1 Physical state				
2.6.2 Color				
2.6.3 Odor				
2.6.4 pH values				
2.6.5 Melting point				
2.6.6 Boiling point				
2.6.7 Density,Specific gravity,Bulk density				
2.6.8 Vapor pressure				
2.6.9 Solubility				
2.6.9.1Water				
2.6.9.2 Solvent				
2.6.10 Viscosity				
2.6.11 Stability				
2.6.11.1 Heat				
2.6.11.2Metal				
2.6.11.3 Light				
2.6.12 Miscibility				
2.6.13 Flammability				
2.6.13.1 Flash point				
2.6.13.2 Flammable				

2.6.13.3 Autoignition temperature				
2.6.14 Explodability				
2.6.15 Corrosive characteristics				
2.6.16 Storage stability				
2.6.17 Partition coefficient				
2.6.18 Dissociation constant				

2.7 The physical-chemical properties of technical concentrate(TK)

Test item	Result	Test substance (purity / batch No.)	Test Methods And conditions	Test facility (GLP registered status)and report No.
2.7.1 Physical state				
2.7.2 Color				
2.7.3 Odor				
2.7.4 pH				
2.7.5 Density,Specific gravity,Bulk density				
2.7.6 Viscosity				
2.7.7 Flammability				
2.7.7.1 Flash point				
2.7.7.2 Flammable				
2.7.7.3 Autoignition temperature				
2.7.8 Explodability				
2.7.9 Corrosive characteristics				
2.7.10 Storage stability				

3. Formulated agro-pesticide composition and Physico-chemical Property

3.1 Active Ingredient content _____

3.2 Manufacturing

3.2.1 Name _____

3.2.2 Address _____

3.2.3 Country _____

3.2.4 Sources of authority _____

3.3 Registration Company _____

3.5 License Number _____

3.5 Compostion：

	No.	Name or code	Chemical Name	CAS No	Content (%)	Agents Function
Active ingredients	1					
Other ingredients	1					
	2					

3.6 formulated agro-pesticide for Physico-chemical Property

Test Item	Results	Substance to be Tested (Purity/Batch No.)	Testing methods and condition	Test Unit (GLP login status) and report number
3.6.1 Physical state				
3.6.2 Color				
3.6.3 Odor				
3.6.4 pH				
3.6.5 Density,Specific gravity,Bulk density				
3.6.6 Viscosity				
3.6.7 Miscibility				
3.6.8 Flammability				
3.6.8.1 Flash point				
3.6.8.2				

Flammable				
3.6.8.3 Autoignition temperature				
3.6.9 Explodability				
3.6.10 Corrosive characteristics				
3.6.11 Storage stability				

4、Quality control

4.1composition analysis

	Batch NO.	Results	standard certified limits	Analysis method and condition
4.1.1 Technical grade agro-pesticide				
4.1.1.1 Active ingredients				
4.1.1.2 hazardous impurities				
4.1.1.3 Other ingredients				
4.1.2.1 Active ingredients				
4.1.2.2 Other hazardous impurities				

4.2 specifications of the formulated agro-pesticide formulation.

Specifications Item	Batch NO.	Results	standard certified limits	Analysis method and condition
Emulsion stability				
Suspensibility				
Spontaneity of dispersion				
Foaming				
wettability				
Degree of fineness				
Particle size				
Solubility				
Other(fill in name)				

5、Toxicology study

5.1 Acute toxicity tests

5..1.1 Oral toxicity

Rat female LD_{50} _____ mg/Kg(T.C.)； LD_{50} _____ mg/Kg (Formulated agro-pesticide)

male LD_{50} _____ mg/Kg(T.C.)； LD_{50} _____ mg/Kg (Formulated agro-pesticide)

Mice female LD_{50} _____ mg/Kg(T.C.)； LD_{50} _____ mg/Kg (Formulated agro-pesticide)

male LD_{50} _____ mg/Kg(T.C.)； LD_{50} _____ mg/Kg(Formulated agro-pesticide)

5.1.2 Dermal toxicity

Rabbit LD_{50} _____ mg/Kg(T.C.)； LD_{50} _____ mg/Kg (Formulated agro-pesticide)

Other animal () LD_{50} _____ mg/Kg(T.C.)； LD_{50} _____ mg/Kg (Formulated agro-pesticide)

5.1.3 Inhalation toxicity

Rat female LC_{50} _____ mg/L(T.C.)； LC_{50} _____ mg/L (Formulated agro-pesticide)

male LC_{50} _____ mg/L(T.C.)； LC_{50} _____ mg/L (Formulated agro-pesticide)

Other animal (____) LC_{50} _____ mg/L(T.C.)； LC_{50} _____ mg/L (Formulated agro-pesticide)

5.1.4 Eye irritation

T.C.：_____

Formulated agro-pesticide：_____

5.1.5 Skin irritation

T.C.：_____

Formulated agro-pesticide：_____

5.1.6 Skin Sensitization

T.C.：_____

Formulated agro-pesticide：_____

5.2 Mutagenicity tests

5.2.1 Bacterial reverse gene mutation assay：

positive _____ dose _____；negative _____

5.2.2 *In vitro* mammalian cell assay：

positive dose ；negative

5.2.3 *In vivo* cytogenetics：

positive _____ dose _____；negative _____

5.3 Avian and aquatic toxicity tests

5.3.1 fresh water fish ( ) or other organism( )：

LC_{50} (96hr) ，T.C._____ mg/L ；Formulated agro-pesticide_____ mg/L

5.3.2 invertebrate aquatic organism( )：

EC_{50} (48hr) ，T.C._____ mg/L ；Formulated agro-pesticide_____ mg/L

5.3.3 avian toxicity (formulated agro-pesticide)：

species：_____； acute oral toxicity LD_{50}_____ mg/kg

species：_____； Feeding toxicity LC_{50}_____ ppm

6. Efficacy trials and crop safety (phytotoxicity) trials — Brief summary of conducted year, nations or locations, dosages of test product used and replicates per treatment in trials

6. Crop Common name and scientific name of crop

Targets controlled Common name and scientific name of plant insect/disease/weed.

7. Field of Use and Notes

7._____