

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	<input type="checkbox"/> A. New active ingredients <input type="checkbox"/> B. New formulation or content (includes mixture) <input type="checkbox"/> C. New range of use <input type="checkbox"/> D. Have been registered for 8 years (<input type="checkbox"/> New source technical material) <input type="checkbox"/> 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 :

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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 Yes, Registered
org.: No., Country,
Expiration date

No

2.5.2 The composition of technical material (TC):

	No.	Name or code	Chemical name	CAS No	Content (%)			Remarks
					Upper limit	Lower limit	Mean \pm SD	
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
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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				
2.6.9.1 Water				
2.6.9.2 Solvent				
2.6.10 Viscosity				
2.6.11 Stability				
2.6.11.1 Heat				
2.6.11.2 Metal				
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

4.1 composition 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(<u>fill in name</u>)			_____	

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(_____) :

LC₅₀ (96hr) , T.C. _____ mg/L ; Formulated _____ mg/L
 agro-pesticide

5.3.2 invertebrate aquatic organism(_____) :

EC₅₀ (48hr) , T.C. _____ mg/L ; Formulated _____ mg/L
 agro-pesticide

5.3.3 avian toxicity (formulated agro-pesticide) :

species : _____ ; acute oral toxicity LD₅₀ _____ mg/kg
 species : _____ ; Feeding toxicity LC₅₀ _____ 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. _____

