

## SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE AND THE SUPPLIER

<b>Product name:</b>	Chlorantraniliprole 200G/L SC
<b>Other name:</b>	/
<b>Recommended use of the chemical and restrictions on use</b>	Insecticide
<b>Supplier name:</b>	Shandong Weifang Rainbow Chemical Co., Ltd.
<b>Supplier address:</b>	Binhai Economic Development Area, Weifang, Shandong, China
<b>Supplier phone:</b>	+86-531-88875222, 88875231
<b>Supplier fax:</b>	+86-531-88875232, 88875224
<b>Emergency phone number:</b>	+86-531-88875222

### 2. HAZARDS IDENTIFICATION

**Hazard statement(s):**

Harmful if inhaled.

Very toxic to aquatic life.

May cause long-term adverse effects in the aquatic environment

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration
Chlorantraniliprole	500008-45-7	200g/L
Other ingredients		Up to 1L

### 4. FIRST AID MEASURES

**Description of necessary first aid measures**

**Inhalation:** If ill-effects occur, move to fresh air. No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.

**Skin contact:** Flush area with large quantities of water.

**Eye contact:** Flush with water for 15 minutes.

**Ingestion:** No hazards which require special first aid measures. Consult a physician if necessary.

**Most important symptoms/effects, acute and delayed**

No data available

### 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:**

Dry chemical, water spray (fog), foam or carbon dioxide.

**Special hazards arising from the chemical:**

The product is not flammable.

**Special protective actions for fire-fighters:**

In the event of fire, wear self-contained breathing apparatus. Wear full protective equipment.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Evacuate personnel to safe areas. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Wear suitable protective equipment.

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### Methods and materials for containment and cleaning up:

Soak up with sawdust, sand, oil dry or other absorbent material. Dispose of in an approved container. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum.

Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation.

### Conditions for safe storage, including any incompatibilities:

Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep out of the reach of children.

Do not contaminate water, food, or feed by storage or disposal. Store in original container.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Appropriate engineering controls:

Use only with adequate ventilation.

### Personal protective equipment:

**Respiratory protection:** Transfer or mix with adequate ventilation.

**Eye protection:** Chemical goggles or face shield where splash may occur.

**Skin and body protection:** PVC-coated gloves. Avoid skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, color etc.):</b>	Off-white homogeneous and flowable liquid
<b>Odor:</b>	Alcohol-like
<b>Flash point:</b>	No flash up to boiling point.
<b>pH:</b>	5.0-8.0
<b>Density:</b>	1.10g/ml
<b>Solubility in water:</b>	Miscible

## 10. STABILITY AND REACTIVITY

### Chemical stability:

Stable under normal storage conditions in original container for at least two years.

### Incompatible materials:

No materials to be especially mentioned.

### Hazardous decomposition products:

Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed upon combustion.

## 11. TOXICOLOGICAL INFORMATION

### Numerical measures of toxicity:

Acute oral LD50:	>5000 mg/kg in the rat
Acute dermal LD50:	>5000 mg/kg in the rabbit
Acute inhalation LC50:	> 2 mg/L in the rat, 4h (whole body)
Skin irritation:	No irritant, Rabbits
Eye irritation:	No irritant, Rabbits
Skin sensitization:	Non-sensitizing, Guinea Pigs

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### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:**

Birds - Acute LD50:	> 2250 mg/kg in the <i>Colinus virginianus</i>
Fish - Acute 96 hour LC50:	> 9.9 mg/L in the Bluegill sunfish
Aquatic invertebrates - Acute 48 hour EC50:	0.035 mg/L in the <i>Daphnia magna</i>
Honeybees - contact acute 48 hour LD50	> 4 µg/bee
Honeybees - oral acute 48 hour LD50	> 104.1 µg/bee
Earthworms - Acute 14 day LC50	> 1000 mg/kg

### 13. DISPOSAL CONSIDERATIONS

**Safe handling of waste residues and disposal methods:**

**Product:**

Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**Contaminated packaging:**

Triple rinse or preferably pressure rinse containers before disposal. Add rinsing to spray tank and be sprayed in the next batch. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local Regulations.

### 14. TRANSPORT INFORMATION

**UN number:**

3082

**UN proper shipping name:**

Environmentally hazardous substance, liquid, n.o.s. (Chlorantraniliprole)

**Transport hazard class(es):**

9

**Packing group, if applicable:**

III

**Marine pollutant (Yes/No):**

Yes

### 15. REGULATORY INFORMATION

The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given.

Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with local laws.

### 16. OTHER INFORMATION

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

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