



## SAFETY DATA SHEET

EMERGENCY CALL: 1-800-424-9300 (CHEMTREC)

### 1. IDENTIFICATION

**PRODUCT NAME:** Kylix  
**DESCRIPTION:** Suspension Concentrate  
Insecticide  
**EPA Reg. No.:** 91234-364  
**COMPANY IDENTIFICATION:** Atticus, LLC  
940 NW Cary Parkway, Suite 200  
Cary, NC 27513

### 2. HAZARD IDENTIFICATION

#### WARNING

Very toxic to aquatic life with long lasting effects.  
(H400+H401)



#### HAZARD CLASSIFICATION

##### Health Hazards

None

##### Physical Hazards

None

##### Environmental Hazards

Hazardous to the Aquatic Environment – Acute

Hazardous to the Aquatic Environment – Chronic

#### Category

-

#### Category

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#### Category

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#### HAZARDS NOT REQUIRING CLASSIFICATION

#### PRECAUTIONARY STATEMENTS

Avoid release to the environment. (P273)

Collect spillage. (P391)

Dispose of contents/container using instructions in the product label and in accordance with local/Federal regulations. (P501)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Common Name	Chemical Name	CAS #	Composition
Chlorantraniliprole	1H-Pyrazole-5-carboxamide, 3-bromo-N-[4-chloro-2-methyl-6-[(methylamino)carbonyl]phenyl]-1-(3-chloro-2-pyridinyl)-	500008-45-7	18.4%

**NOTE:** Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

### 4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall at **1-844-685-9173** for emergency medical treatment information. For chemical emergency: spill, leak, fire, exposure or accident, call CHEMTREC day or night. Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted).

## 5. FIREFIGHTING MEASURES

**Flash Point:** Not determined.

**Flammable Limits (LFL-UFL):** Not determined.

**Fire and Explosion Hazards:** Not determined.

**Extinguishing Medium:** Use dry chemical, foam, water spray, or CO<sub>2</sub> extinguishing media. Do not spread spilled material with high-pressure water streams and high-volume water jet.

**Fire Fighting Equipment:** Firefighters should be equipped with self-contained positive pressure breathing apparatus and full bunker gear.

**Fire Fighting Instructions:** Evacuate area of all unnecessary personnel and fight fire from a safe distance upwind. Contain contaminated water / firefighting water; do not allow to enter drains or waterways. Use foam or dry chemical fire extinguishing systems to prevent environmental damage from excessive water runoff. Decontaminate firefighting gear and personal protective equipment before reuse.

**Hazardous Combustion Products:** Fire may produce irritating, corrosive and/or toxic gases: Nitrogen oxides (NOx), Carbon oxides, Bromine compounds, Chlorine compounds, Hydrogen cyanide, Hydrogen chloride.

**NFPA Ratings:** Health – 1 / Flammability – 1 / Reactivity – 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Isolate area and keep unnecessary and unprotected personnel from entering. Wear suitable personal protective clothing and equipment as described in Section 8 of this document.

**Environmental Precautions:** Prevent material from entering public sewer systems or any waterways. Do not flush to drain. Large spills to soil or similar surfaces may necessitate removal of topsoil. The affected area should be removed and placed in an appropriate container for disposal.

**Spill Cleanup:** Dike spill using suitable absorbent or impervious materials such as sand or clay. Collect and contain contaminated absorbent and place in an appropriate container for disposal. Pump any free liquid into an appropriate closed container and decontaminate tools and equipment following cleanup. Collect washings for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**Storage:** Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters/ Permissible concentration	Basis
Propane-1,2-diol	57-55-6	TWA	10 mg/m <sup>3</sup>	US WEEL

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash station and a safety shower.

**Protective Clothing:** Wear long-sleeved shirt and long pants and shoes plus socks.

**General:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	white liquid
<b>Odor:</b>	pungent
<b>Melting/freezing point:</b>	not determined
<b>Boiling point/Boiling range:</b>	not determined
<b>Flammability:</b>	not determined
<b>Flammability limits (upper/lower):</b>	not determined
<b>Flash point:</b>	not determined
<b>Auto-ignition temperature:</b>	not determined
<b>Decomposition temperature:</b>	not determined
<b>pH:</b>	6.9 – 7.9
<b>Viscosity:</b>	1237.62 mm <sup>2</sup> /s at 20±0.2°C 754.35 mm <sup>2</sup> /s at 40±0.5°C
<b>Solubility:</b>	not determined
<b>Partition coefficient:</b>	not determined
<b>Vapor pressure:</b>	not determined
<b>Bulk Density:</b>	1.0931 g/mL
<b>Particle characteristics:</b>	not determined

## 10. STABILITY AND REACTIVITY

**CONDITIONS TO AVOID:** Avoid formation of aerosol. Avoid heat, flames and sparks. Protect from frost, heat and sunlight. Heating of the product will produce harmful and irritant vapours.

**CHEMICAL STABILITY:** Stable under normal use and storage conditions.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Incompatible with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**HAZARDOUS POLYMERIZATION:** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

Information presented below is from testing done on an identical or substantially similar product:

**ORAL TOXICITY (rat LD<sub>50</sub>):** >5,000 mg/kg

**DERMAL TOXICITY (rat LD<sub>50</sub>):** >5,000 mg/kg

**INHALATION TOXICITY (rat LC<sub>50</sub>):** >2 mg/l (4-hours)

**EYE IRRITATION:** No eye irritation (rabbit)

**SKIN IRRITATION:** No skin irritation (rabbit)

**SKIN SENSITIZATION:** No sensitization (mice)

### **CARCINOGENICITY:**

**EPA:** Not likely to be Carcinogenic to Humans

**ACGIH:** Not Listed **NTP:** Not Listed

**IARC:** Not Listed **OSHA:** Not Listed

**MUTAGENIC TOXICITY:** None known.

**REPRODUCTIVE TOXICITY:** None known.

**STOT SINGLE AND REPEATED EXPOSURE:** The substance or mixture is not classified as specific target organ toxicant (chlorantraniliprole).

## 12. ECOLOGICAL INFORMATION

This pesticide is toxic to aquatic invertebrates, oysters and shrimp.

**The following information is for the active ingredient, chlorantraniliprole:**

### **AQUATIC TOXICITY**

Bluegill sunfish (96-hour LC<sub>50</sub>): >15.1 mg/L

Rainbow Trout (96-hour LC<sub>50</sub>): >13.8 mg/L; (90-day NOAEC): 0.11 mg/L

Sheepshead Minnow (96-hour EC<sub>50</sub>): 0.054 mg/L;

(36-day NOAEC): 1.28 mg/L

Water Flea (EC<sub>50</sub>): 0.0166 mg/L; (NOAEC): 0.00302 mg/L

Mysid Shrimp (LC<sub>50</sub>): 11.5 mg/L; (NOAEC): 0.695 mg/L

Eastern Oyster (EC<sub>50</sub>): 0.0399 mg/L

Lemna gibba (14-day EC<sub>50</sub>): >2 mg/L

Green Alga (120-hr EC<sub>25</sub>): >2 mg/L

Freshwater Alga (120-hr EC<sub>50</sub>): >15.1 mg/L

Marine Diatom (120-hr EC<sub>50</sub>): >14.6 mg/L

### **AVIAN TOXICITY**

Northern Bobwhite (LD<sub>50</sub>): >2,250 mg a.i./kg-bw;

(LC<sub>50</sub>): >5,620 mg a.i./kg-diet

Northern Bobwhite (NOAEC): 10.1 mg a.i./kg bw-day;

(NOAEC): 120 mg a.i./kg diet

Mallard: (LC<sub>50</sub>): >5,620 mg a.i./kg-diet; (NOAEC): 500 mg a.i./kg diet;

(NOAEC): 62.1 mg a.i./kg-bw-diet

### **BEE TOXICITY**

Honeybee (LD<sub>50</sub>): >104 µg a.i./bee; (NOAEL): 294 mg a.i./kg

## 13. DISPOSAL CONSIDERATIONS

**PESTICIDE DISPOSAL:** Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Refer to the product label for specific container disposal instructions.

## 14. TRANSPORT INFORMATION

**US-DOT:** Not regulated

**IMDG:** UN3082, Environmentally hazardous substance, liquid, n.o.s. (chlorantraniliprole), 9, III, Marine Pollutant

**IATA:** UN3082, Environmentally hazardous substance, liquid, n.o.s. (chlorantraniliprole), 9, III, Marine Pollutant

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## 15. REGULATORY INFORMATION

### FIFRA –

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is the hazard information as required on the pesticide label:

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

When used as directed, this product does not present a hazard to humans or domestic animals.

##### ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates, oysters and shrimp. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to use sites.

##### SURFACE WATER ADVISORY

This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application.

##### GROUND WATER ADVISORY

This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide. This product is excluded from listing requirements under EPA/TSCA.

#### SARA Title III – Section 302 Extremely Hazardous Substances

Not listed

#### SARA Title III – Section 311/312 Hazard Categories

Not listed

#### SARA Title III – Section 312 Threshold Planning Quantity

Not listed

#### SARA Title III – Section 313 Reportable Ingredients

Not listed

#### CERCLA Reportable Quantity (RQ) –

Not listed

#### CALIFORNIA PROP 65 STATUS –

This product does not contain any chemical known to the State of California to cause cancer or other reproductive harm.

### CANADA –

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

## 16. OTHER INFORMATION

This Safety Data Sheet (SDS) serves different purposes than and DOES NOT REPLACE OR MODIFY THE EPA APPROVED PRODUCT LABELING (attached to and accompanying the product container). This SDS provides important health, safety, and environmental information for employers, employees, emergency responders and others handling large quantities of the product in activities generally other than product use, while the labeling provides that information specifically for product use in the ordinary course.

To the extent consistent with applicable law, neither Atticus, LLC nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ATTICUS, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ATTICUS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SDS Version: 1.0

Effective Date: 2/14/2025



Manufactured for:  
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