



Issue Date: 25-Jun-2025

Revision Date: 25-Jun-2025

Version: 3

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name:** MGK Formula 3402

**EPA Registration Number:** 1021-2885

### Other means of identification

### Recommended use of the chemical and restrictions on use

**Recommended Use:** Insecticide.

### Details of the supplier of the safety data sheet

#### **Manufacturer Address:**

McLaughlin Gormley King Company  
7325 Aspen Lane North  
Minneapolis, MN 55428  
USA

#### **FAX #:**

(763) 544-6437

Telephone Number: (800) 645-6466, or (763) 544-0341

e-Mail Address: mgk-sds@mgk.com

### Emergency telephone number

**24 Hour TRANSPORTATION Emergency:** CHEMTREC®: (800) 424-9300

**International:** (703) 527-3887

**24 Hour MEDICAL Emergency:** SafetyCall®: (888) 740-8712, or (952) 852-9509

#### **Comments:**

MGK® Hours of operation are 8:00 a.m. to 4:30 p.m. CST, 14:00 to 22:30 GMT.  
For MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day to  
(888) 740-8712, or (952) 852-9509.

## 2. HAZARDS IDENTIFICATION

### Classification:

#### **OSHA Regulatory Status:**

This chemical is **not** considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### Label elements

#### **Emergency Overview**

**Appearance:** Light Brown

**Physical state:** Solid (gel)

**Odor** Sweet , Savory

### **Precautionary Statements - Prevention:**

P270 - Do not eat, drink or smoke when using this product

P280 - Wear protective gloves

**Precautionary Statements - Response:**

P321 - Specific treatment (see Section 4/ First Aid).

**Precautionary Statements - Storage:**

P404 - Store in a closed container

**Precautionary Statements - Disposal:**

P501 - Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC):**

Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical name	CAS No.	Weight-%
Clothianidin	210880-92-5	0.010

\*The exact percentage (concentration) of composition has been withheld as a trade secret

Comments: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

**4. FIRST AID MEASURES**

**Aspiration pneumonia hazard:** • Not applicable

**Description of first aid measures**

**Eye contact:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Ingestion:** Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting.

**Inhalation:** Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**Self-protection of the First Responder:** Use personal protective equipment as required.

**Note to physicians:** For skin effects, a highly efficient therapeutic agent for Pyrethrin/ Pyrethroid exposure is topical application of tocopherol acetate (Vitamin E).

**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:**

Caution: Use of water spray when fighting fire may be inefficient.

**Hazardous combustion products:** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

**Specific hazards arising from the chemical**

In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**Explosion data**

**Sensitivity to Mechanical Impact:** None.

**Sensitivity to Static Discharge:** None.

**Protective equipment and precautions for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions:** Use personal protective equipment as required. Avoid contact with eyes and skin.

**Environmental precautions:** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment:** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up:** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. After cleaning, flush away traces with water. Prevent product from entering drains.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Advice on safe handling:** Ensure adequate ventilation, especially in confined areas. Use personal protective equipment as required. For more information, see product label.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions:** Keep container tightly closed. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. For more information, see product label.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines:** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

NIOSH IDLH

*Immediately Dangerous to Life or Health***Appropriate engineering controls**

**Engineering Controls:** Safety showers  
Eyewash stations  
Ventilation systems

**Individual protection measures, such as personal protective equipment**

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

**Skin and body protection:** Wear protective gloves and protective clothing.

**Respiratory protection:** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General Hygiene Considerations:** When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties:**

**Physical state:** Solid (gel)  
**Appearance:** Light Brown  
**Odor** Sweet , Savory  
**Odor threshold:** No information available  
**Color (Gardner Scale):** No information available

<u>Property:</u>	<u>Values:</u>	<u>Comment: • Method</u>
<b>pH:</b>	5.0	
<b>Melting point / freezing point:</b>	No information available	
<b>Boiling point / boiling range:</b>	No information available	
<b>Flash point:</b>	> 93.3 °C / > 200.0 °F	Tag Closed Cup.

**Evaporation rate:** No information available  
**Flammability (solid, gas):** No information available  
**Upper flammability limit (UEL):** No information available  
**Lower flammability limit (LEL):** No information available  
**Vapor pressure:** No information available  
**Vapor density:** No information available  
**Specific Gravity:** No information available  
**Water solubility:** No information available  
**Partition coefficient; n-Octanol/ Water:** No information available  
**Autoignition temperature:** No information available  
**Decomposition temperature:** No information available  
**Kinematic viscosity:** No information available  
**Dynamic viscosity:** 10,482 cP @ 20°C  
**Refractive Index:** No information available

**Other Information:**

Bulk density 1.11 g/mL  
VOC Content (%): 0.25

Miscibility/ Solubility:

## 10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

**Hazardous polymerization:** Hazardous polymerization does not occur.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials:

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

Numerical measures of toxicity - Product Information

Oral LD<sub>50</sub> > 5,000 mg/kg (rat)  
Dermal LD<sub>50</sub> > 5,000 mg/kg (rat)  
Inhalation LC<sub>50</sub> No Data Available  
Eye contact: No data available.  
Skin Contact: Slightly irritating. Irritation cleared in 48 hours.  
Skin Irritation Index: 0.5

**Sensitization:** Non-sensitizer. (guinea pig).

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP

Reproductive toxicity: No information available.  
Developmental Toxicity No information available.  
Teratogenicity: No information available.  
STOT - single exposure: No information available.  
STOT - repeated exposure: No information available.  
Chronic toxicity: Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity:

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects:** No information available**Environmental hazards (EPA):**

Not regulated

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Disposal of wastes:** Disposal should be in accordance with applicable regional, national and local laws and regulations. For more information, see product label.**Contaminated packaging:** For more information, see product label.**14. TRANSPORT INFORMATION****DOT (Department of Transportation)****Proper Shipping Name:** Insecticides, Insect or Animal Repellent, Solid  
**Hazard Class:** This material is not hazardous.**Air (IATA/ ICAO)****Proper Shipping Name:** Insecticides, Insect or Animal Repellent, Solid  
**Hazard Class:** This material is not hazardous.**Vessel (IMO/ IMDG)****UN/ID Number:** UN3077  
**Proper Shipping Name:** Environmentally Hazardous Substance, Solid, n.o.s.(Clothianidin)  
**Hazard Class:** 9  
**Packing Group:** III  
**Marine Pollutant:** Yes**15. REGULATORY INFORMATION****US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories****Acute health hazard** Yes  
**Chronic Health Hazard** No

---

Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations:****California Proposition 65:**

This product does not contain any intentionally added Proposition 65 chemicals

**U.S. EPA Label Information:**

EPA Registration Number: 1021-2885

**Difference between SDS and EPA (FIFRA) Pesticide label:**

Not regulated

**International Inventories:**

TSCA	Does not comply
DSL/NDSL	Does not comply
EINECS/ELINCS	Does not comply
ENCS	Does not comply
IECSC	Does not comply
KECL	Does not comply
PICCS	Does not comply
AICS	Does not comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

<b>16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION</b>
--

---

<b>NFPA</b>	<b>Health hazards</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical and Chemical Properties</b>
<b>HMIS</b>	<b>Health hazards</b> 2	<b>Flammability</b> 1	<b>Physical hazards</b> 0	<b>Personal protection</b>
				- X

Chronic Hazard Star Legend \* = *Chronic Health Hazard*

**Issue Date:**  
25-Jun-2025

**Revision Date:**  
25-Jun-2025

**Revision Note:**  
- New SDS.

**SDS Prepared By:**  
e-Mail Address:

Tony Todora, MGK® Chemistry Department  
mgk-sds@mgk.com

**Disclaimer:**

The information provided in this Safety Data Sheet (SDS) is provided in good faith and believed to be accurate at the time of preparation of the SDS. However, MGK® and its subsidiaries or affiliates extend no warranties, make no representations, and assume no responsibility as to the accuracy, suitability, or completeness of such information. Additionally, neither MGK® nor any of its subsidiaries or affiliates represents or guarantees that this information or product may be used without infringing the intellectual property rights of others. It is the users' own responsibility to determine the suitability of this information for their own particular use of this product. If necessary, contact MGK® to confirm that you have the most current product label and SDS.

This Safety Data Sheet (SDS) may provide more information than the product label but does not replace or modify the product labeling (attached to and accompanying the product container). The product SDS and the product label both provide consistent and important health, safety, and environmental information as required by the Occupational Health and Safety Act (29 CFR 1910.1200, "Hazcom"). This requirement covers employers, employees, emergency responders, users and others handling the product. All necessary hazard classification and appropriate precautionary, use, storage, and disposal information is set forth on the labeling and the SDS.

**End of Safety Data Sheet**