

Safety Data Sheet

Section 1 – Product Identification

Product Name: Taurus™ G EPA Registration #: 53883-272
Manufacturer: Control Solutions Inc. EPA Establishment #: 67572-GA-1
5903 Genoa- Red Bluff
Pasadena, TX 77507
281-892-2500
Recommended Usage: Apply only as directed by product label.
Restrictions: Refer to product label for usage restrictions.

Section 2 – Hazard Identification

Health: Harmful if swallowed. Fipronil is a neurotoxin. May produce symptoms of neurotoxicity. **See section 11 for more information.**
Environmental: This product is highly toxic to fish and aquatic organisms. **See section 12 for more information.**
Physical: None.
Unclassified: None.
GHS Classification:

- Environmental toxicity: Acute Aquatic Category 1 (severe).
- Eye irritation: Category 2B (mild).
- Carcinogen: Category 2 (suspected).
- Acute toxicity: Category 4 (mild).

Section 3 – Chemical Composition

Material	CAS #	% by Weight	OSHA PEL
Fipronil	120068-37-3	0.0143%	None Established
Inert Ingredients	-	99.9857%	None Established

Section 4 – First Aid

IF ON SKIN OR CLOTHING:

- 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.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF IN EYES:

- 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.

Section 4 – First Aid (continued from page 1)

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 International at 1-866-897-8050 for emergency medical treatment information.

NOTE TO PHYSICIAN: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. **Symptoms of Poisoning:** In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possible convulsions may occur.

Section 5 – Firefighting Measures

Flash Point: Will not flash.
Extinguishing Media: Water fog, CO₂, foam, dry chemical.
Procedures: Use self-contained breathing apparatus. Cool fire exposed areas and equipment.
Unusual Fire Hazards: Chemical fires have potential to emit hazardous decomposition products. Refer to **Section 10** for more information.

Section 6 – Accidental Release Measures

Absorbent Materials: Dry material, absorbents are not needed.
Containment: Do not discharge into municipal wastewater or public storm drains. Eliminate runoff as much as possible.
Waste Disposal: Vacuum or sweep contaminated absorbent material into suitable container. Seal container and dispose of all contaminated waste material in municipal land-fill or through licensed TSDF. Open dumping is prohibited. Not an RCRA hazardous waste.
Reporting: Report all major spills and uncontrolled releases to proper local, state, and federal agencies.
Emergency Contact #: Chemtrec: 1-800-424-9300

Section 7 – Handling and Storage Instructions

Storage Conditions: Store upright at room temperature. Avoid exposure to extreme temperatures. Do not store near heat or open flame. Store away from foodstuffs, feed, and children.
Special Handling Considerations: Avoid dermal contact. Take precautions to avoid damaging containers. Avoid cross contamination. Always wash hands thoroughly after handling pesticides and before eating, drinking, or smoking. Clean water should be available to rinse eyes and skin in case of chemical exposure.

Section 8 – Engineering Controls and Protective Equipment

Engineering Controls:	Use only in adequately ventilated areas.
Eye Protection:	ANSI approved chemical goggles or safety glasses with side shields are recommended.
Respiratory Protection:	None likely to be needed. Use a MSHA/NIOSH approved dust/mist filtering respirator with any N, R, P or HE filter when working in areas with inadequate ventilation.
Dermal Protection:	Long-sleeves, pants, socks, shoes, and chemical-resistant gloves.
Other Precautions:	Wash thoroughly after handling. Remove and wash clothing before reuse.

Section 9 – Physical and Chemical Properties

Odor:	Slight must odor.	Melting Point:	Not determined.
Physical State:	Solid.	Flash Point:	Will not flash.
Color:	Grey – tan.	Specific Gravity:	See bulk density.
Bulk Density:	42 – 48 lbs/ft ³	pH:	6.5 - 7.5
Vapor Pressure:	Not determined.	Water Solubility:	Not determined.
Viscosity:	Not determined.	Refractive Index:	Not determined.

Section 10 – Stability and Reactivity

Flash Point:	Not flammable. May decompose and burn in conditions of a fire.
Lower Flammability Limit:	Not applicable.
Upper Flammability Limit:	Not applicable.
Hazardous Polymerization:	Will not occur.
Decomposition Products:	May release irritating and toxic gases due to thermal decomposition. Products of combustion include cyanide, CO, and CO ₂ .
Conditions to Avoid:	Stable under normal storage conditions. Avoid exposure to extreme temperatures.
Incompatible Materials:	Strong oxidizers.

Section 11 – Toxicity and Symptoms of Overexposure

Routes of Exposure:	Dermal, eye, inhalation, and ingestion.
Skin Contact:	Mild irritation. Symptoms reversible after 72 hours.
Eye Contact:	Mild irritation. May cause redness and tearing. Symptoms reversible after 7 days.
Ingestion:	Ingestion may induce neurotoxic symptoms including diarrhea, salivation, tremors, convulsions, hyperactivity and hypersensitivity to touch or sound.
Inhalation:	May cause nasal or respiratory tract irritation.
Oral LD ₅₀ :	>2000 mg/kg
Dermal LD ₅₀ :	>5000 mg/kg
Inhalation LC ₅₀ :	5.16 mg/l
Carcinogenicity:	EPA: Group C (possible) GHS: Category 2 (suspected)
Teratogenicity:	None.
Embryo toxicity:	None.

Section – Toxicity and Symptoms of Overexposure (continued from page 3)

Reproductive Effects: None.
Mutagenicity: None.
Other Chronic Effects: Symptoms of chronic toxicity were observed at 1.5 ppm (0.059 mg/kg/day (Fipronil) males, 0.078 mg/kg/day females) and included increased incidence of seizures, death, protein alterations, and alterations in thyroid hormone levels.

Section 12 – Ecological Data*

Aquatic: Daphnia pulex/EC50 (48 h): 0. 2 ug/L
Avian: Bobwhite quail: LD₅₀ >2000 mg/kg
Environmental Fate: The half-life of fipronil is 122-128 days in aerobic soils. Under aerobic conditions, naturally occurring soil organisms break down fipronil to form fipronil-sulfone. Fipronil can also be hydrolyzed to form fipronil-amide.
Summary: This product is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in treated areas.

Section 13 – Disposal Considerations*

Pesticide Disposal: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal law. If these wastes cannot be disposed of by 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: **If empty:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Do not rinse unless required for recycling. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
If partly filled: Call your local solid waste agency for disposal instructions. Never pour unused product down any indoor or outdoor drain.

Section 14 – Transportation*

DOT: Not regulated.
IATA: Not regulated.
IMDG: Not regulated.

Section 15 – Regulatory*

Section 302/TPQ: (emergency planning)	Contains no components listed under section 302.
Section 304/EHS RQ: (release notification)	Contains no components listed under section 304.
CERCLA RQ: (release notification)	Not regulated by CERCLA.
Section 311/Tier II: (MSDS submission)	Health hazard: immediate, delayed.
Section 313/TRI Chemicals:	Contains no Section 313 chemicals.
RCRA Haz-Waste Code(s):	Not an RCRA hazardous waste.
CAA TQ: (air emissions)	None.
EPA/FIFRA Toxicity Category:	III
EPA Signal Word:	CAUTION
State Specific Regulations:	Restricted Use Pesticide
International Regulations:	Not established

Section 16 – Other

HMIS/NFPA Classification:	Fire - 1	Health - 1
	Reactivity - 0	Special - none
Date of Last Revision:	9/16/2011	
Hazcom Training Necessary:	Yes.	

NFPA and HMIS ratings assigned to this product are based on the hazards of its ingredient (s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.

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*Section is not required by 29 CFR 1910.1200 the Hazcom standard, but is provided for compliance with United Nations Globally Harmonized System (GHS).