

Material Safety Data Sheet

Section 1 – Product Identification

Product Name:	Taurus™ SC	EPA Registration #:	53883-279
Manufacturer:	Control Solutions Inc. 5903 Genoa- Red Bluff Pasadena, TX 77507 281-892-2500	EPA Establishment #:	53883-TX-002

Section 2 – Chemical Composition

Material	CAS #	% by Weight	OSHA PEL/ACGIH TLV
Fipronil	120068-37-3	9.1%	None Established
Inert Ingredients	-	90.9%	None Established

Section 3 – Hazard Identification

Symptoms of Toxicity: May produce symptoms of CNS stimulation, tremors, convulsions.

Flammability: N/A

Reactivity: Stable under normal storage conditions.

Carcinogenicity: Fipronil: In long-term studies in rats the substance induced thyroid tumors. In long term studies in rodents exposed to high doses, a tumorigenic effect was found, however these results are thought to be due to a rodent-specific liver effect that is not relevant to humans.

Section 4 – First Aid

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 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 Inhaled:

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

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.

Notes/Physician's Information: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

Section 5 – Fire and Explosion Hazards

Flash Point:	>200°F	Upper Flammability Limit:	N/A
Extinguishing Media:	Foam, CO ₂ , dry chemical, water fog	Lower Flammability Limit:	N/A
Special Procedures:	Use SCBA and full protective (bunker) clothing.		
Unusual Fire Hazards:	Combustible. Will form flammable vapors when heated.		
Reactivity/Stability:	Products of combustion include cyanide, CO, and CO ₂ .		

Section 6 – Spill/Release Procedures

Absorbent:	Universal or oil-only absorbent pads, vermiculite, absorbent booms, or clay granules.
Containment:	Do not discharge into municipal wastewater or public storm drains. Eliminate runoff as much as possible.
Waste Disposal:	Dispose of through municipal landfill or 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 – Storage and Handling Instructions

Do not contaminate water, food or feed by storage or disposal.

Storage

Store unused product in original container only, out of reach of children and animals.

Pesticide 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

Nonrefillable Container: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

In case of minor spills or leaks, soak up with sand, earth or other suitable material and dispose of as pesticide waste.

Section 8 – Protective Equipment/Engineering Controls

Eye Protection:	All pesticide handlers must wear protective eyewear (goggles, a faceshield, or safety glasses with front, brow, and temple protection) when working in a non-ventilated space, including but not limited to crawl-spaces and basements or when applying termiticide by rodding or sub-slab injection.
Respiratory Protection:	All pesticide handlers must wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter, when working in a non-ventilated space, including but not limited to crawl-spaces and basements.
Dermal Protection:	All pesticide handlers (mixers, loaders, and applicators) must wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves.
Other Precautions:	Clean water should be available to rinse eyes and skin in case of chemical exposure.

User Safety Recommendations

Users should wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
 Remove contaminated clothing. Then wash body thoroughly with soap and water and put on clean clothing. Wash clothing with detergent and hot water before reusing.
 Remove PPE immediately after handling this product. Wash outside of gloves before removing. Wash PPE before reusing.

Section 9 – Physical Data

Odor:	Negligible	Melting Point:	N/A
Physical State:	Liquid flowable suspension	Flash Point:	N/A (>200°F)
Color:	Beige	Specific Gravity:	1.06 (g/ml) @22 C
Bulk Density:	8.83 (lbs/gal)	pH:	5.0 – 7.0
Vapor Pressure:	N/A	Water Solubility:	Dispersible
Viscosity:	N/A	Refractive Index:	N/A

Section 10 – Toxicity

EPA Toxicity Category:	“Caution” label required	Oral LD ₅₀ :	1999 mg/kg
Skin Contact:	Slight Irritant	Dermal LD ₅₀ :	>2000 mg/kg
Eye Contact:	Irritant	Inhalation LC ₅₀ :	>1.7 mg/l
HMIS/NFPA Classification:	Fire - 1	Health - 1	
	Reactivity - 0	Special - none	
Other Comments:	Avoid cross contamination. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.		

Section 11 – Ecological Data

Aquatic:	Daphnia pulex/EC50 (48 h): 0.2 ug/L
Avian:	Bobwhite quail: LD ₅₀ >2000 mg/kg
Bioaccumulation:	Not readily biodegradable (by OECD criteria).
Summary:	This pesticide is toxic to birds, fish, and aquatic invertebrates

Section 12 – Transportation

DOT:	Not regulated
IATA:	Not regulated
IMDG:	Environmentally hazardous substance, liquid, n.o.s. (9.1% fipronil), UN3082, PG III, marine pollutant.

Section 13 – 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.
Section 313/TRI Chemicals:	Contains no Section 313 chemicals.
RCRA Haz-Waste Code(s):	None
CAA TQ: (air emissions)	None

Section 14 – Other

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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