

Material Safety Data Sheet

Section 1 – Product Identification

Product Name: IG Regulator
Insect Growth Regulator
EPA Registration #: 53883-60

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
Pyriproxyfen: 2-[1-Methyl-2-(4-phenoxyphenoxy)ethoxy] pyridine	95737-68-1	1.3%	None Established
Inert Ingredients	-	98.7%	None Established

Section 3 – Hazard Identification

Symptoms of Toxicity: Inhalation: May cause nasal and respiratory irritation.
Ingestion: May cause stomach irritation, nausea, cramps and vomiting.

Flammability: Combustible.

Reactivity: Stable under normal storage conditions.

Carcinogenicity: Not carcinogenic.

Section 4 – First Aid

Eye Contact: Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.

Inhalation: Remove affected person to fresh air. Get medical attention if effects are present.

Ingestion: Call a poison control center immediately. Do not induce vomiting unless instructed to do so by poison control center.

Dermal Contact: Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.

Notes/Physician's Information: You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

Section 5 – Fire and Explosion Hazards

Flash Point:	153°F	Upper Flammability Limit:	N/A
Extinguishing Media:	Foam, CO ₂ , dry chemical, water fog	Lower Flammability Limit:	N/A
Special Procedures:	Use SCBA along with full protective gear. Keep nearby containers and equipment cool with water spray. Contain the run-off for proper disposal.		
Unusual Fire Hazards:	Combustible. Toxic runoff may result from firefighting. Treat as an oil fire.		
Reactivity/Stability:	Stable. May release hazardous combustion products such as CO, CO ₂ , NO _x , and NH ₃ . Avoid strong oxidizers. Hazardous polymerization will not occur.		

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 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 – Storage and Handling Instructions

Storage Conditions:	Store in a cool, dry place. Keep container closed. Do not store near heat or open flame. Avoid contamination of food or feedstuffs
Special Handling Considerations:	Avoid dermal contact. Take precautions to avoid damaging containers.
Container Disposal:	Do not reuse empty containers. Triple rinse (or equivalent), then offer for recycling or render unusable and dispose of in municipal landfill or with licensed TSDF.

Section 8 – Protective Equipment/Engineering Controls

Eye Protection:	None required. Safety glasses with side-shields may be used to prevent exposure.
Respiratory Protection:	None required.
Dermal Protection:	Chemical gloves, long sleeves, and pants.
Engineering Controls:	Use only in adequately ventilated areas.
Other Precautions:	Harmful if swallowed or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with skin or eyes.

Section 9 – Physical Data

Odor:	Slight chemical aromatic	Melting Point:	N/A
Physical State:	Liquid.	Flash Point:	>90 DEG C
Color:	Clear yellow	Specific Gravity:	
Bulk Density:	0.88-0.92 g/ml	pH:	5.5-6.5
Vapor Pressure:	N/A	Water Solubility:	Soluble.
Viscosity:	N/A	Refractive Index:	N/A

Section 10 – Toxicity

EPA Toxicity Category:	“Caution” label required	Oral LD ₅₀ :	>5000 mg/kg
Skin Contact:	Irritant.	Dermal LD ₅₀ :	>2000 mg/kg
Eye Contact:	Irritant.	Inhalation LC ₅₀ :	>10 mg/kg
HMIS/NFPA Classification:	Fire - 2 Health - 0 Reactivity - 0 Special - none	Fire - 2 Health - 0 Reactivity - 0 Special - none	
Other Comments:	Avoid cross contamination. Always wash hands thoroughly after handling pesticides and before eating, drinking, or smoking.		

Section 11 – Ecological Data

Aquatic:	Not established.
Avian:	Not established.
Bioaccumulation:	None known.

Section 12 – Transportation

DOT:	Not regulated.
IATA:	Not regulated.
IMDG:	Not regulated.
Federal Motor Carrier Classification:	Insecticide, Liquid, Other Than Agriculture, N.O.I.B.N.

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)	Acute health hazard, fire hazard.
Section 313/TRI Chemicals:	Glycol Ethers, Not more than 2.10% by weight. CAS – Not Listed.
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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