



## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Gowan Company  
P.O. Box 5569  
Yuma, Arizona 85366-5569  
(800) 883-1844

**Emergency Phone:** (928) 783-3803  
**For 24-Hour Emergency Assistance (Spill, Leak, Fire, or Exposure), Call CHEMTREC®:**

**For Medical Emergency:**

**Inside the U.S.:** (800) 424-9300  
**Outside the U.S.:** (703) 527-3887  
(888) 478-0798

**Product:** Intruder® 70 WSP Insecticide  
**EPA Signal Word:** CAUTION **EPA Registration No.:** 8033-24-10163  
**Active Ingredient:** Acetamiprid (70%) **CAS No.:** 135410-20-7  
**Chemical Name:** (E)-N<sup>1</sup>-[(6-chloro-3-pyridyl)methyl]-N<sup>2</sup>-cyano-N<sup>1</sup>-methyl acetamidine  
**Chemical Class:** Neonicotinoid

### 2. HAZARDS IDENTIFICATION

#### Emergency Overview

CAUTION! Harmful if inhaled or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with eyes, skin or clothing. Keep out of reach of children and domestic animals.

#### Potential Health Effects

Eye contact with Intruder may cause eye irritation. Prolonged contact may cause tearing, pain or blurred vision.

Skin contact with Intruder may cause skin irritation. Prolonged contact may cause discomfort or rash and skin permeation may occur in amounts capable of producing the effects of systemic toxicity.

Inhalation may cause irritation of the upper respiratory passages. Prolonged contact may cause coughing and discomfort.

Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

#### Carcinogenicity Information

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	OSHA – PEL	ACGIH – TLV	OTHER	NTP/IARC/OSHA CARCINOGEN
Acetamiprid	N/A	N/A	N/A	None
Amorphous Silicon dioxide Hydrate, CAS No. 112926-00-8	80 mg/m <sup>3</sup> / % SiO <sub>2</sub> 8 Hr TWA	N/A	N/A	IARC
Hydrous Aluminum silicate, CAS No. 1332-58-7	15 mg/m <sup>3</sup> , total dust, 8 Hr. TWA 5 mg/m <sup>3</sup> , respirable dust, 8 Hr. TWA	2 mg/m <sup>3</sup> , respirable dust, 8 Hr. TWA, A4	N/A	None

Only the identities of the active ingredient(s) and any *hazardous* inert ingredients are listed. Specific information on all of this product's ingredients can be obtained by the treating medical professional or spill emergency responder for the management of exposures, spills, or safety assessments.

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## 4. FIRST AID MEASURES

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- IF SWALLOWED:**
- Immediately call a poison control center or doctor for treatment advice.
  - Do not induce vomiting unless told to do so by a poison control center or doctor.
  - Have person sip a glass of water if able to swallow.
  - 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.
  - Call a poison control center or doctor for treatment advice.
- 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 mouth-to-mouth, if possible
  - Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**NOTE TO PHYSICIAN:** 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.

**FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL TOLL FREE: (888) 478-0798**

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## 5. FIRE FIGHTING MEASURES

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**Flashpoint (test method):** Not applicable

Like all organic and most dry chemicals, as a powder or dust, this product (when mixed with air in critical proportions and in the presence of an ignition source) may present an explosion hazard.

Will form dust explosive mixtures in air.

Dust explosive rating of ST-1 (KsT = 165 bar-meter per second).

**Appropriate Extinguishing Media**

Dry chemical, alcohol foam, water spray, carbon dioxide (CO<sub>2</sub>) Fire Fighting Guidance

**Fire-Fighting Instructions**

Firefighters should wear NIOSH/OSHA approved self-contained breathing apparatus and full protective clothing. Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind if possible. Keep out of low areas.

Persons who may have been exposed to contaminated smoke should be immediately examined by a physician and checked for symptoms of poisoning. The symptoms should not be mistaken for heat exhaustion or smoke inhalation.

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## 6. ACCIDENTAL RELEASE MEASURES

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**In Case of Spills or Leaks**

Dike spill with earth or sand. Prevent material from entering sewers, waterways, or low areas. Follow applicable Federal, State/Provincial and Local laws/ regulations. Stop leak if it can be done without risk. Avoid causing dust. Shovel, vacuum or scoop up to a metal drum for disposal. If liquid, dike and allow to solidify or soak up with sand. All flushing and clean-up residuals should be collected for proper disposal to prevent soil and surface, ground and sewer water contamination. Do not allow to contaminate ground or surface water systems.

Sweep up and place in an appropriate closed container. No sparking tools should be used. Avoid creation of dusty conditions. Clean up residual material by washing area with water and detergent. Collect washings for disposal. Decontaminate tools and equipment following cleanup.

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## 7. HANDLING AND STORAGE

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Avoid contact with eyes, skin or clothing. Avoid breathing vapors or mist. Avoid breathing dust. Wash thoroughly after handling. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

THIS PRODUCT MAY PRESENT A DUST EXPLOSION HAZARD. Dry powders can build static electricity charges when subjected to the friction of conveying, mixing or sliding. Provide adequate precautions, such as electrical grounding, or inert atmospheres when material is used in the presence of flammable materials to prevent ignition. It is recommended that all dust control equipment and material transport systems involved in handling of this product contain explosion relief vents or explosion suppression system or an oxygen deficient environment. In addition, all conductive elements of the system that contact this material should be electrically bonded and grounded. This powder should not be flowed through non-conductive ducts or pipes. Use only appropriately classed electrical equipment.

### Precautions in storing

Do not allow prolonged storage in areas where temperatures frequently exceed 115°F (46°C). NEVER TRANSFER THIS PRODUCT TO ANOTHER CONTAINER FOR STORAGE.

#### Min/Max Storage Temperatures:

Min Temp: No data

Max Temp: 46°C

### Storage

Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food or feed in storage.

Store in a cool, dry place. Keep away from heat, sparks and flames. Do not store in or around the home. Store unused product in a cool, ventilated, dry locked area.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Engineering Controls

When handlers used closed systems, enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [(40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. Where engineering controls are indicated by use conditions or a potential for excessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.

### Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Chemical-resistant headgear for overhead exposure

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	off-white powder
<b>Physical state:</b>	solid
<b>Odor:</b>	no odor determined
<b>Melting Point:</b>	approximately 98°C
<b>Boiling Point:</b>	not available
<b>Specific Gravity/</b>	
<b>Density:</b>	13 – 17 lb/cu ft. (loose)
<b>pH:</b>	8.5 – 9.5
	(1 wt/wt% dilution in water @ 22°C)
<b>Solubility in H<sub>2</sub>O:</b>	~2.7 wt/wt%

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## 10. STABILITY AND REACTIVITY

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<b>Stability:</b>	This material is stable under normal handling and storage conditions as described in section 7.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions To Avoid:</b>	Not known.
<b>Incompatibility with other materials:</b>	Strong bases, strong acids, strong oxidizing agents.

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## 11. TOXICOLOGICAL INFORMATION

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### Acute Toxicity/Irritation Studies

<b>Oral LD<sub>50</sub>:</b>	1064 mg/kg in rats
<b>Dermal LD<sub>50</sub>:</b>	> 2000 mg/kg in rabbits
<b>Inhalation 4 hour LC<sub>50</sub>:</b>	2.88 mg/L in rats

This material is a slight skin irritant, and a mild eye irritant, but is not a skin sensitizer in animal tests. In long term animal feeding studies there was no evidence of carcinogenicity. Not considered a carcinogen or mutagen. In reproductive and developmental studies in animals, there was no effect on reproduction. Not considered a reproductive toxicant.

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## 12. ECOLOGICAL INFORMATION

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### ENVIRONMENTAL HAZARDS

This product is toxic to wildlife. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treated area. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate. Do not contaminate water used for irrigation or domestic purposes.

### AQUATIC TOXICITY:

No information is available.

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## 13. DISPOSAL CONSIDERATION

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### PESTICIDE DISPOSAL

Contamination with this product will render water, food or feed unfit for human or animal consumption. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### CONTAINER DISPOSAL

Nonfillable container. Do not reuse or refill this container. Offer for recycling, if available.

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## 14. TRANSPORT INFORMATION

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### DOT Classification

Not regulated

### IMDG Classification

Not regulated

### IATA Classification

Not regulated

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## 15. REGULATORY INFORMATION

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### SARA Title III Classification

Section 302/304:	Not applicable
Section 311/312:	Not applicable
Section 313 chemical(s):	Not applicable

### Proposition 65

Not applicable

### CERCLA Reportable Quantity (RQ)

Not applicable

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## 15. REGULATORY INFORMATION - continued

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### RCRA Classification

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

### TSCA Status

Regulated by FIFRA

### US State Right-to-Know Ingredients

Amorphous silicon dioxide hydrate

(Amorphous silica)

12926-00-8

PA

Hydrous Aluminum Silicate

1332-58-7

IL, PA, RI

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## 16. OTHER INFORMATION

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### NFPA Hazard Ratings

Health: 2

Flammability: 1

Reactivity: 0

0	Least
1	Slight
2	Moderate
3	High
4	Severe

### Prepared By:

Gowan Company

(800) 883-1844

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