

**1 Identification**

· **Product identifier**

· **Trade name:** STRAFER™ WSP Insecticide

**EPA Registration No.:** 8033-24-10163

· **CAS Number:** Active Ingredient: Acetamiprid (70.0%), CAS: 135410-20-7

· **Relevant identified uses of the substance or mixture and uses advised against**

· **Sector of Use** Agriculture

· **Application of the substance / the mixture** Agricultural Insecticide

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Gowan Company

P.O. Box 5569

Yuma, Arizona 85366-5569

(928) 783-8844

· **Information department:** sds@gowanco.com

· **Emergency telephone number:**

Chemtrec® Emergency Telephone 24 - Hours: (Spills, leak or fire) Inside U.S. & Canada: (800) 424-9300

Outside the U.S. & Canada: +011 (703) 527-3887

For medical emergency (Prosar® ): (888) 478-0798

**2 Hazard(s) identification**

· **Classification of the substance or mixture**

The product is not classified according to the Globally Harmonized System (GHS).

· **Label elements**

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word (US. EPA)** CAUTION

· **Hazard statements** Void

· **Hazard description:**

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.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



**HAZARD INDEX:**

4 Severe Hazard

3 Serious Hazard

2 Moderate

1 Slight Hazard

0 Minimal Hazard

· **HMIS-ratings (scale 0 - 4)**



**HAZARD INDEX:**

4 Severe Hazard

3 Serious Hazard

2 Moderate

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- 1 Slight Hazard
- 0 Minimal Hazard
- **Other hazards**
- **Results of PBT and vPvB assessment**
  - **PBT:** Not applicable in US.
  - **vPvB:** Not applicable in US.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· <b>Dangerous components:</b>		
135410-20-7	acetamiprid (ISO) ⚠ Acute Tox. 4, H302; Aquatic Chronic 3, H412	70.0%
1332-58-7	Kaolin	9.65%
112926-00-8	Precipitated silica (Silica-Amorphous)	7.5%

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
 Have the product container or label with you when calling a poison control center or doctor, or going for treatment.  
 You may also contact 1-888-478-0798 for emergency medical treatment information.
- **After inhalation:**
  - 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 poison control center or doctor for further treatment advice.
- **After 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.
- **After eye contact:**
  - Hold eye open and rinse slowly and gently with water for 15-20 minutes.
  - Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes.
  - Call a poison control center or doctor for treatment advice.
- **After swallowing:**
  - Immediately call a poison control center or doctor.
  - Do not induce vomiting unless told to do so by the poison control center or doctor.
  - Have a person sip a glass of water if able to swallow
  - Do not give anything by mouth to an unconscious person.
- **Information for doctor:**
  - **Most important symptoms and effects, both acute and delayed** Unknown
  - **Indication of any immediate medical attention and special treatment needed**  
 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.

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## 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **Special hazards arising from the substance or mixture** No further relevant information available.

- **Advice for firefighters**

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.

- **Protective equipment:** Wear self-contained respiratory protective device.

## 6 Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:**

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.

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

Dispose contaminated material as waste according to item 13.

- **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and storage

- **Handling:**

- **Precautions for safe handling**

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.

- **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

**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.

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

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Do not store in or around the home. Store unused product in a cool, ventilated, dry, locked area. Do not allow prolonged storage in areas where temperatures frequently exceed 115° F (46 °C). NEVER TRANSFER THIS PRODUCT TO ANOTHER CONTAINER FOR STORAGE.

· **Information about storage in one common storage facility:** Store away from foodstuffs.

· **Further information about storage conditions:**

Min/Max Storage Temperatures:

Min Temp: No data

Max Temp: 46 °C

· **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

**1332-58-7 Kaolin**

PEL Long-term value: 15\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction

REL Long-term value: 10\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction

TLV Long-term value: 2\* mg/m<sup>3</sup>  
E; as respirable fraction

**112926-00-8 Precipitated silica (Silica-Amorphous)**

PEL 20mppcf or 80mg/m<sup>3</sup> /%SiO<sub>2</sub>

REL Long-term value: 6 mg/m<sup>3</sup>  
See Pocket Guide App. C

TLV TLV withdrawn

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Users should 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.

· **Protection of hands:**



Protective gloves

· **Material of gloves** Chemical-resistant made of any waterproof material

· **Eye protection:** Not required.

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- **Body protection:**  
wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and chemical resistant headgear for overhead exposure.

## 9 Physical and chemical properties

### · Information on basic physical and chemical properties

#### · General Information

##### · Appearance:

- **Form:** Powder
- **Color:** Off-white
- **Odor:** undistinguishable
- **Odour threshold:** Not determined.

· **pH-value at 20 °C (68 °F):** 8.5-9.5

#### · Change in condition

- **Melting point/Melting range:** Undetermined.
- **Boiling point/Boiling range:** Undetermined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not determined.

#### · Ignition temperature:

- **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

#### · Explosion limits:

- **Lower:** Not determined.
- **Upper:** Not determined.

· **Vapor pressure:** Not applicable.

· **Density at 20 °C (68 °F):** 13-17 lb/ft<sup>3</sup>

- **Relative density** Not determined.
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.

#### · Solubility in / Miscibility with

- **Water:** Dispersible.

· **Partition coefficient (n-octanol/water):** Not determined.

#### · Viscosity:

- **Dynamic:** Not applicable.
- **Kinematic:** Not applicable.

· **Other information** No further relevant information available.

## 10 Stability and reactivity

### · Reactivity

- **Chemical stability** Stable under normal conditions

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- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials:** Strong oxidizers, acids and strong bases.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

### · Information on toxicological effects

#### · Acute toxicity:

#### · LD/LC50 values that are relevant for classification:

Oral	LD50	1064 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)
Inhalative	LC50/4 h	2.88 mg/l (rat)

#### · Primary irritant effect:

- **on the skin:** Slightly irritating

- **on the eye:** Mild irritation

- **Sensitization:** No sensitizing effects known.

#### · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

#### · Carcinogenic categories

· IARC (International Agency for Research on Cancer)		
112926-00-8	Precipitated silica (Silica-Amorphous)	3

#### · NTP (National Toxicology Program)

None of the ingredients are listed.

#### · OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients are listed.

## 12 Ecological information

### · Toxicity

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 further relevant information available.

- **Persistence and degradability** No further relevant information available.

#### · Behavior in environmental systems:

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

#### · Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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· **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:**  
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.
- **Uncleaned packagings:**
  - **Recommendation:** Nonfillable container. Do not reuse or refill this container. Offer for recycling, if available.

## 14 Transport information

- |  |  |                |
|--|--|----------------|
| · <b>UN-Number</b>   |  |                |
| · DOT, ADR, ADN, IMDG, IATA  |  | Void           |
| · <b>UN proper shipping name</b>   |  |                |
| · ADR, ADN, IMDG, IATA   |  | Not regulated  |
| · <b>Transport hazard class(es)</b>  |  |                |
| · ADR, ADN, IMDG, IATA   |  |                |
| · Class  |  | Void           |
| · <b>Packing group</b>   |  |                |
| · ADR, IMDG, IATA  |  | Void           |
| · <b>Environmental hazards:</b>  |  |                |
| · <b>Marine pollutant:</b>   |  | No             |
| · <b>Special precautions for user</b>  |  | Not applicable |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> |  | Not applicable |
| · <b>UN "Model Regulation":</b>  |  | Not regulated  |

## 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
EPA /FIFRA Information:  
This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.
  - **SARA Title III**

· **Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients are listed.

· **TSCA (Toxic Substances Control Act):**

1332-58-7	Kaolin
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· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients are listed.

· **TLV (Threshold Limit Value established by ACGIH)**

1332-58-7 | Kaolin

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients are listed.

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word (US EPA)** CAUTION

· **Hazard statements**

Harmful if absorbed through skin.

Avoid breathing spray mist of vapor.

Avoid contact with skin, eyes, or clothing.

Keep out of reach of children and domestic animals.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Supply Chain

· **Contact:** sds@gowanco.com

· **Date of preparation / last revision** 06/05/2015 / 3

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Acute Tox. 4: Acute toxicity, Hazard Category 4

Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3

· **Sources** STRAFER™ is a trademark of Gowan Company L.L.C.

· **\* Data compared to the previous version altered.**