

Safety Data Sheet
according to PMRA

Printing date 03/25/2025

Reviewed on 03/25/2025

1 Identification

· **Product identifier**

· **Trade name:** Citation® 75WP Insecticide

· **Article number:** US4007_CA_ENG

· **CAS Number:**

Cyromazine (75.0 %): 66215-27-8

Registration number PCP Registration No.: 24465

Group 17 Insecticide

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

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

· **Manufacturer/Supplier:**

Gowan Company, L.L.C.

P.O. Box 5569

Yuma, Arizona 85366-5569

Gowan Canada 1-800-960-4318

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

· **Emergency telephone number:**

Chemtrec Emergency Telephone 24 - Hours: Inside U.S. & Canada: (800) 424-9300

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

2 Hazard identification

· **Classification of the substance or mixture**



Acute Toxicity (Inhalation) - Category 4

H332 Harmful if inhaled.

Skin Irritation - Category 2

H315 Causes skin irritation.

Specific Target Organ Toxicity - Single Exposure - Category 3

H335 May cause respiratory irritation.

May form combustible dust concentrations in air.

· **Label elements**

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



· **Signal word** Warning

· **Hazard statements**

H332 Harmful if inhaled.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

May form combustible dust concentrations in air.

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· **Precautionary statements**

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves.
- P302+P352 If on skin: Wash with plenty of water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P312 Call a poison center/doctor if you feel unwell.
- P321 Specific treatment (see on this label).
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3 Composition/Information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 66215-27-8 Cyromazine	75.0% w/w
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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:**

- 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.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No specific symptoms have been determined.

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- **Indication of any immediate medical attention and special treatment needed**
There is no specific antidote.
Treatment symptomatically.

5 Fire-fighting measures

- **Extinguishing media**
 - **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 - **For safety reasons unsuitable extinguishing agents:**
Do not use a solid water stream as it may scatter and spread fire.
- **Special hazards arising from the substance or mixture**
As the product contains combustible organic ingredients, fire will produce dense black smoke containing hazardous products of combustion (see section 10).
Exposure to decomposition products may be a hazard to health.
- **Advice for firefighters**
 - **Protective equipment:** Wear full protective clothing and self-contained breathing apparatus.
- **Additional information**
Do not allow run-off from fire fighting to enter drains or water courses.
Cool closed containers exposed to fire with water spray.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Refer to protective measures listed in sections 7 and 8.
Avoid dust formation.
- **Environmental precautions:**
Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.
- **Methods and material for containment and cleaning up:**
Contain spillage, pick up with an electrically protected vacuum cleaner or by wet-brushing and transfer to a container for disposal according to local regulations (see section 13). Do not create a powder cloud by using a brush or compressed air. Clean contaminated surface thoroughly. Clean with detergents. Avoid solvents. Retain and dispose of contaminated wash water.
For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.
- **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**
Do not contaminate water, food, or feed by storage or disposal. Do not use in animal feeds.
 - **Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.

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

- **Storage:**

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

Do not store this product under wet conditions. Handle container carefully to avoid breakage of inner soluble pouch.

Store in a cool, dry place.

- **Information about storage in one common storage facility:**

Keep away from food, drink and feed.

Do not store near food, foodstuffs, medicines or drinking water.

- **Further information about storage conditions: Keep receptacle tightly sealed.**

- **Specific end use(s)**

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or dispose of the empty outer foil pouch in the trash as long as WSP is unbroken.

8 Exposure controls/ Personal protection

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

- **Control parameters**

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

CAS:	66215-27-8 Cyromazine
TWA	3mg/m ³

- **Additional information:**

The lists that were valid during the creation were used as basis.

Engineering measures : THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/ PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION AND PACKAGING OF THE PRODUCT. FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated. The extent of these protection measures depends on the actual risks in use. Maintain air concentrations below occupational exposure standards. Where necessary, seek additional occupational hygiene advice.

- **Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

Causes moderate eye irritation. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

- **Protection of hands:**



Protective gloves

- **Material of gloves** Chemical resistant gloves, e.g. nitrile or butyl.

- **Eye protection:**



Safety glasses

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- **Body protection:**
 - Coveralls over long-sleeved shirt and long pants.
 - Chemical-resistant gloves made of barrier laminate; butyl rubber ≥ 14 mils; rubber ≥ 14 mils; neoprene rubber ≥ 14 mils; polyethylene, polyvinyl chloride [PVC] ≥ 14 mils
 - Chemical-resistant footwear plus socks
 - Chemical-resistant apron when cleaning equipment, mixing, or loading

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

- **Form:** Solid
- **Color:** White
- **Odor:** not characteristic
- **Odor threshold:** Not determined.

· **pH-value:** 7-9 (1 % in water)

· Change in condition

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

· **Flash point:** Not applicable.

· **Flammability:** Not determined.

· **Decomposition temperature:** Not determined.

· **Ignition temperature:** 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:** 0.32 g/cm³ (2.6704 lbs/gal)

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

· Solubility in / Miscibility with

· **Water:** Not determined.

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

· Viscosity:

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

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

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10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Stable under normal conditions.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** None known.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**

Acute oral toxicity: 4076 mg/kg

Method: Calculatio method

- **Acute toxicity:**

- **Primary irritant effect:**

- **on the skin:** No data available at this moment.

- **on the eye:** No data available at this moment.

- **Sensitization:** Not classified due to lack of data.

- **Additional toxicological information:**

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

None of the ingredients are listed.

- **NTP (National Toxicology Program)**

None of the ingredients are listed.

- **Reproductive toxicity** Not classified due to lack of data.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

CAS: 66215-27-8 Cyromazine

EC10/72 h 45 mg/l, End point: Growth rate (algae) (*Raphidocelis subcapitata* (freshwater green alga))EC50/48 h > 100 mg/l (aquatic invertebrates) (*Daphnia magna* (Water flea))ErC50/ 72 h > 124 mg/l (algae) (*Raphidocelis subcapitata* (freshwater green alga))LC50/96 h > 100mg/l (trout) (*Oncorhynchus mykiss* (rainbow trout))NOEC / 28d 0.25 mg/l (aquatic invertebrates) (*Americamysis*)NOEC /21 d 0.31 mg/l (aquatic invertebrates) (*Daphnia*)NOEC /32 d 14 mg/l (minnow) (*Pimephales promelas* (fathead minnow))NOEC/ 26 d 0.025 mg/l (aquatic invertebrates) (*Chironomus riparius* (harlequin fly))

- **Persistence and degradability**

cyromazine:

Biodegradability : Result: Not readily biodegradable.

Stability in water : Degradation half life: 94 - 254 d

Remarks: Persistent in water.

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· ADN/R Class:	Void
· Packing group	
· DOT/TDG, ADR, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable
· UN "Model Regulation":	Void

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Marketing authorization number:**

· **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):**

None of the ingredients are listed.

· **Canadian substance listings:**

· **Canadian Domestic Substances List (DSL)**

None of the ingredients are listed.

· **Canadian Non-Domestic Substances List (NDSL)**

None of the ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%)**

None of the ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 1%)**

None of the ingredients are listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**

Not applicable



GHS07

· **Signal word** Warning

· **Hazard statements**

H332 Harmful if inhaled.

H315 Causes skin irritation.

H335 May cause respiratory irritation.

May form combustible dust concentrations in air.

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- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **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.

· **NFPA ratings (Scale 0-4)**

Health= 1

Fire= 1

Reactivity= 0

· **Department issuing SDS:** Supply Chain

· **Contact:** sds@gowanco.com

· **Date of the latest revision of the safety data sheet** 03/25/2025 / -

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative