



Issuing Date 14-Oct-2022

Revision Date 25-Oct-2022

Revision Number 1

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product Identifier

Product Name **ACHIEVER INSECTICIDE (27.5OZ)**

### Other means of identification

Product Code 2124220  
CAS Number Mixture  
Formula Not available  
Synonyms Not available  
EPA Establishment Number 2749-618

### Recommended use of the chemical and restrictions on use

Recommended Use Agriculture  
Uses advised against Do not use where contact with food or drinking water is possible. Avoid prolonged contact with eyes, skin, and clothing.

### Details of the supplier of the safety data sheet

Supplier Address ACETO LIFE SCIENCES, LLC  
4 Tri Harbor Court  
Port Washington, NY 11050-4661  
Phone: (516) 627-6000  
Fax: (516) 627-6093  
Email: aceto@aceto.com

### Emergency telephone number(s)

ChemTrec: 1-800-424-9300 Outside of the United States: 1-703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification

Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Chronic aquatic toxicity	Category 3

### Label elements

#### Emergency Overview

#### Signal Word

**Warning**

#### Hazard statements

Suspected of causing cancer  
Suspected of damaging fertility or the unborn child  
Harmful to aquatic life with long lasting effects

**Appearance**

Light brown Granules

**Physical State**

Granules

**Odor**

Nearly Odorless

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

None known

**Other Information**

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms** Not available

**Formula** Not available

Chemical name	CAS No.	Weight-%	North American Hazard Indicator
Pymetrozine	123312-89-0	50	False
Other Ingredients	N/A	50	False

### 4. FIRST AID MEASURES

**First Aid Measures**

**General Advice** Show this safety data sheet to the doctor in attendance.

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**Skin Contact** Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult a physician.

<b>Inhalation</b>	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Consult a physician.
<b>Ingestion</b>	Rinse mouth. Never give anything by mouth to an unconscious person. Consult a physician.
<b>Self-Protection of the First Aider</b>	Use personal protective equipment as required. Avoid contact with eyes, skin and clothing.
<b><u>Most important symptoms and effects, both acute and delayed</u></b>	
<b>Signs and Symptoms</b>	No information available.
<b><u>Indication of any immediate medical attention and special treatment needed</u></b>	
<b>Notes to Physician</b>	Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

<b><u>Suitable Extinguishing Media</u></b>	Foam. Dry powder. Carbon dioxide (CO <sub>2</sub> ). Halon extinguisher.
<b><u>Unsuitable Extinguishing Media</u></b>	No information available.
<b><u>Hazardous Combustion Products</u></b>	Thermal decomposition or combustion may produce hazardous gases and/or materials.
<b><u>Explosion Data</u></b>	Not available
<b>Sensitivity to mechanical impact</b>	Not available.
<b>Sensitivity to static discharge</b>	Not available.

### **Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

<b>Personal Precautions</b>	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment as required. Avoid contact with eyes, skin and clothing. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Environmental Precautions</b>	Local authorities should be advised if significant spillages cannot be contained. Prevent further leakage or spillage if safe to do so. Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Should not be released into the environment.

### **Methods and material for containment and cleaning up**

<b>Methods for Clean-up</b>	Pick up and transfer to properly labelled containers.
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## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

<b>Handling</b>	Use only in an area equipped with a safety shower. Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation. Do not
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breathe vapours/dust. Avoid contact with eyes, skin and clothing. Avoid repeated exposure.

### Conditions for safe storage, including any incompatibilities

<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.
<b>Incompatible Materials</b>	None.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Pymetrozine 123312-89-0	-	-	-
Other Ingredients N/A	-	-	-

### Appropriate engineering controls

#### Individual protection measures, such as personal protective equipment

<b>Eye/Face Protection</b>	Tight sealing safety goggles.
<b>Skin and body protection</b>	Use suitable eye protection and gloves.
<b>Respiratory Protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>	Light brown Granules
<b>Physical State</b>	Granules
<b>Odor</b>	Nearly Odorless
<b>Color</b>	Light brown
<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	6.51 (1% Dispersion)	
<b>Melting point / Freezing point</b>	No Data Available	Literary Reference
<b>Boiling point / boiling range</b>	No information available	
<b>Flash Point</b>	No Data Available	No information available
<b>Evaporation Rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>	No information available	
<b>Upper flammability limit</b>	No information available	
<b>Lower flammability limit</b>	Not available	
<b>Vapor Pressure</b>	No information available	
<b>Vapor Density</b>	Not available	
<b>Specific Gravity</b>	No information available	
<b>Water Solubility</b>	No information available	

<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient: n-octanol/water</b>	Not available	
<b>Autoignition temperature °C</b>	430 °C	Estimated
<b>Decomposition temperature</b>	No Data Available	
<b>Kinematic Viscosity</b>	No information available	
<b>Dynamic Viscosity</b>	Not available	
<b>Explosive Properties</b>	No information available	
<b>Oxidizing Properties</b>	No information available	

**Other Information**

<b>Softening Point</b>	No information available
<b>Molecular Weight</b>	No information available
<b>VOC content</b>	No information available
<b>Liquid Density</b>	No information available
<b>Bulk density</b>	Tap Density 0.554 g/cm <sup>3</sup> (34.6 pounds/cubic foot) at indoor ambient temperature
<b>Corrosion characteristics</b>	No information available

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	Not applicable.
<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>Conditions to Avoid</b>	Heat, flames and sparks.
<b>Incompatible Materials</b>	No information available.
<b>Hazardous Decomposition Products</b>	Thermal decomposition can lead to release of irritating gases and vapours.
<b>Possibility of Hazardous Reactions</b>	None under normal processing

**11. TOXICOLOGICAL INFORMATION**

**Product Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Pymetrozine	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rat )	>2000mg/L (Rat) (Air)
Other Ingredients	-	-	-

**Information on likely routes of exposure**

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Chemical name	ACGIH	IARC	NTP	OSHA
Pymetrozine 123312-89-0	-	-	-	-
Other Ingredients N/A	A4	-	-	-

<b>Serious eye damage/irritation</b>	No information available.
<b>Skin Corrosion/Irritation</b>	No information available.
<b>Sensitization</b>	mild sensitizer (Guinea Pig).
<b>Reproductive Effects</b>	No information available.
<b>Mutagenic Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Harmful to aquatic life with long lasting effects  
 Avoid release to the environment

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Pymetrozine 123312-89-0	-	-	-	-
Other Ingredients N/A	-	-	-	-

**Persistence/Degradability** No information available.

**Bioaccumulation/Accumulation** No information available.

**Mobility in Soil** No information available.

Chemical name	log Pow =
Pymetrozine 123312-89-0	-
Other Ingredients N/A	-

**Other adverse effects** No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal Methods** Contact waste disposal services. Dispose of in accordance with local regulations.

**Contaminated Packaging** Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. TRANSPORT INFORMATION**

<b><u>DOT</u></b>	Not regulated
<b><u>TDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated
<b><u>ICAO</u></b>	Not regulated
<b><u>IATA</u></b>	Not regulated
<b><u>IMDG</u></b>	Not regulated
<b><u>RID</u></b>	Not regulated
<b><u>ADR</u></b>	Not regulated
<b><u>ADN</u></b>	Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

<b>TSCA</b>	Does not comply
<b>Canada (DSL)</b>	Does not comply
<b>EU (EINECS)</b>	Does not comply
<b>EU (ELINCS)</b>	Does not comply
<b>Japan (ENCS)</b>	Does not comply
<b>China (IECSC)</b>	Does not comply
<b>Korea (KECL)</b>	Does not comply
<b>Philippines (PICCS)</b>	Does not comply
<b>Australia (AICS)</b>	Does not comply
<b>Mexico INV</b>	Does not comply
<b>Taiwan INV</b>	Does not comply

Chemical name	U.S.A. (TSCA)	Canada (DSL)	EU (EINECS)	EU (ELINCS)	
Pymetrozine	-	-	-	-	
Other Ingredients	-	-	-	-	
Component	Japan (ENCS)	China (IECSC)	Korea (KECL)	Philippines (PICCS)	Australia (AICS)
-	-	-	Present	-	-
-	-	-	-	-	-
Chemical name	Mexico INV		Taiwan INV		
Pymetrozine 123312-89-0	Present		Present		
Other Ingredients N/A	-		-		

In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA. 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 by Safety Data Sheets, and for workplace labels of non-pesticide chemicals.

#### Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

### VOC content

This Product does not contain any VOCs

### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Pymetrozine 123312-89-0	-	-	-	-
Other Ingredients N/A	-	-	-	-

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical name	CERCLA/SARA Hazardous Substances	CERCLA/SARA RQ	RQ
Pymetrozine 123312-89-0	-	-	-
Other Ingredients N/A	-	-	-

## State Regulations

### California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	CAS No.	California Proposition 65	Type
Pymetrozine	123312-89-0	Carcinogen	carcinogen, 3/22/2011

### State Right-to-Know

This product does not contain any State Right-to-Know chemicals.

Chemical name	New Jersey	Massachusetts	Illinois	Rhode Island	Pennsylvania
Pymetrozine 123312-89-0	-	-	-	-	-
Other Ingredients	-	-	-	-	-



N/A					
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**U.S. EPA Label Information**

EPA Pesticide Registration Number 2749-618

Canada

**WHMIS Statement**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

**16. OTHER INFORMATION**

**NFPA**

Health 2

Flammability 0

Instability 0

Physical Hazard 0



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Not available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**