



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name • EcoPCO ACU Insecticide

Synonyms • EPA Reg. No.: 89459-59

Product Description • Colorless aerosol spray.

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

Recommended use • Insecticide.

Restrictions on use • KEEP OUT OF THE REACH OF CHILDREN. Keep away from heat, sparks and flames. Do not take internally. Avoid contact with eyes and skin. Avoid inhalation of vapors or fumes.

Details of the supplier of the safety data sheet

Manufacturer • Central Garden & Pet Company

1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
United States
www.zoecon.com

Emergency telephone number

Manufacturer • 1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

Manufacturer • 1-800-424-9300 - CHEMTREC

Manufacturer • 1-800-248-7763

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Aspiration 1
- Flammable Aerosols 2
- Skin Irritation 2
- Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
- Eye Irritation 2A

Label elements

OSHA HCS 2012

DANGER



- Hazard statements**
- Flammable aerosol
May be fatal if swallowed and enters airways
Causes skin irritation
May cause drowsiness or dizziness
Causes serious eye irritation

Precautionary statements

- Prevention**
- Avoid breathing dust, fume, gas, mist, vapours and/or spray.
Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
Pressurized container: Do not pierce or burn, even after use.
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
Use only outdoors or in a well-ventilated area.
Do not spray on an open flame or other ignition source.
- Response**
- IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.
IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/physician if you feel unwell.
Specific treatment, see supplemental first aid information in Section 4 - First Aid Measures.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Store in a well-ventilated place. Keep container tightly closed.

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%
2-Phenethyl Propionate	CAS:122-70-3	0.1%
Benzyl alcohol	CAS:100-51-6	4%
Distillates (petroleum), hydrotreated light	CAS:64742-47-8	75.9%
Propane	CAS:74-98-6	14%
Other ingredients	NDA	6%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or doctor if you feel unwell.

Skin

- IF ON SKIN: Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

- IF SWALLOWED: Immediately call a poison control center or doctor. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

- Aspiration hazard, may cause dizziness or drowsiness if vapor is inhaled, causes skin irritation, causes serious eye irritation. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- Treat symptomatically and supportively. May present an aspiration hazard.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media

- Use CO₂, dry chemical, or foam.

Unsuitable Extinguishing Media

- Water is unsuitable for use on burning material but may be used to cool containers exposed to heat.

Firefighting Procedures

- Do not allow fire fighting water to escape into waterways or sewers. Flammable aerosols exposed to high temperatures may rupture, rocket and cause secondary hazards. Move containers from fire area if you can do it without risk. Ventilate closed spaces before entering. Do not breathe gas/fumes/vapor/spray.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

- Containers may explode when heated. Flammable aerosols exposed to high temperatures may rupture, rocket and cause secondary hazards. Flammable; may be ignited by heat, sparks or flames. At temperatures above 130°F, container may rupture.

Hazardous Combustion Products

- Carbon monoxide and carbon dioxide.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Approach leaking or punctured pressurized containers cautiously. Isolate leaking container from all sources of ignition. Ventilate the area before entry. Avoid breathing fumes.

Emergency Procedures

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate closed spaces before entering. Avoid unnecessary personnel and equipment traffic in the spill area.

Environmental precautions

- Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- SMALL SPILLS:** Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Do not flush to sewer or allow to enter waterways.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Keep away from fire - No Smoking. Contents under pressure, do not crush, puncture or incinerate. Exposure to temperatures above 130°F may cause bursting. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage

- Keep away from fire, sparks and heated surfaces. Store in cool, dry area, inaccessible to children. Store locked up. Keep container tightly closed and do not store above 130°F(55°C). Ventilate enclosed areas. NFPA Aerosol Classification: Level 1.

Incompatible Materials or Ignition Sources

- Oxidizing agents. Heat, sparks, open flame.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines

- No data available.

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Propane (74-98-6)	TWAs	1000 ppm TWA (listed under Aliphatic hydrocarbon gases: Alkane C1-4)	1000 ppm TWA; 1800 mg/m ³ TWA	1000 ppm TWA; 1800 mg/m ³ TWA

Exposure Limits Supplemental

ACGIH

• Propane (74-98-6): **TLV Basis - Critical Effects:** (asphyxia (See Appendix F: Minimal Oxygen Content))

Exposure controls

Engineering Measures/Controls

- Use adequate ventilation to remove vapors (fumes, dust etc)

Personal Protective Equipment

Pictograms

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Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety goggles.

Hands

- Impervious gloves.

Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

- Refer to Section 13 - Disposal Considerations.

Environmental Exposure Controls

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description

Physical Form	Aerosol	Appearance/Description	Colorless aerosol spray.
Color	Colorless liquid in container / colorless aerosol when discharged.	Odor	Very faint, almost odorless.
Aerosol Type	Spray	Odor Threshold	No data available

General Properties

Boiling Point	No data available	Melting Point/Freezing Point	17°F (-8°C)
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	0.76 - 0.8	Bulk Density	No data available
Water Solubility	No data available	Viscosity	No data available
Explosive Properties	No data available		

Volatility

Vapor Pressure	No data available	Vapor Density	5.26 Air=1
Evaporation Rate	Less than n-butyl acetate		

Flammability

Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Heat of Combustion (ΔH_c)	11.3 kJ/g	Flame Extension	>43 cm (>17 in)
Flammability (solid, gas)	Flammable aerosol.		

Environmental

Octanol/Water Partition coefficient	No data available		
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Section 10: Stability and Reactivity

Reactivity

- Non-reactive

Chemical stability

- Stable

Possibility of hazardous reactions

- Flammable, aerosols exposed to high temperatures may rupture, rocket and cause secondary hazards.

Conditions to avoid

- Keep away from fire. Heat, sparks, open flame. Excessive heat. Strong oxidizers.

Incompatible materials

- Store away from oxidizers.

Hazardous decomposition products

- None. However, as with any organic material, combustion will product carbon dioxide and possibly carbon monoxide.

Section 11 - Toxicological Information

Information on toxicological effects

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Aspiration 1
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Eye Irritation 2A

Route(s) of entry/exposure • Inhalation, Skin, Eye, Ingestion.

Potential Health Effects

Inhalation

- Acute (Immediate)** • May affect the central nervous system. Symptoms may include dizziness or drowsiness.

- Chronic (Delayed)** • No data available.

Skin

- Acute (Immediate)** • Causes skin irritation.
- Chronic (Delayed)** • No data available.

Eye

- Acute (Immediate)** • Causes serious eye irritation.
- Chronic (Delayed)** • No data available.

Ingestion

- Acute (Immediate)** • Aspiration Hazard - may be fatal if swallowed and enters airways.
- Chronic (Delayed)** • No data available.

Other

- Chronic (Delayed)** • None known.

Mutagenic Effects

- No data available.

Carcinogenic Effects

- No data available.

Reproductive Effects

- No data available.

Section 12 - Ecological Information

Toxicity

- No data available

Persistence and degradability

- No data available.

Bioaccumulative potential

- No data available.

Mobility in Soil

- No data available.

Other adverse effects

- No data available.

Ecological Fate

- No data available.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- Do not puncture or incinerate. If partly filled: Call your local solid waste agency for disposal instructions. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- If empty: Place in trash or offer for recycling if available. Do not puncture or incinerate. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	UN1950	Aerosols	2.1	Not Applicable	Not Applicable
IMO/IMDG	UN1950	Aerosols	2.1	Not Applicable	Not Applicable
IATA/ICAO	UN1950	Aerosols, flammable	2.1	Not Applicable	Not Applicable

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Other information

- No data available.

IMO/IMDG • No data available

IATA/ICAO • No data available

Key to abbreviations

= N/A = Not applicable.

Section 15 - Regulatory Information

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

SARA Hazard Classifications

- Acute

FIFRA – Pesticide Labeling

This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

CAUTION

- Hazard Statements** • Keep out of reach of children.

Precautionary Statements •

- Hazards to Humans and Domestic Animals** • PRECAUTIONARY STATEMENTS Hazards to Humans & Domestic Animals
CAUTION Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear safety glasses, safety goggles, or face shield. Wash Thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

- First Aid** • 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 eye. Call a poison control center or doctor for treatment advice.
Note to Physician: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

- Environmental Hazards** • For terrestrial uses: 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 washwaters or rinsate.

- Physical or Chemical Hazards** • Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

Inventory

Component	CAS	TSCA
Benzyl alcohol	100-51-6	Yes
Distillates (petroleum), hydrotreated light	64742-47-8	Yes
Propane	74-98-6	Yes
2-Phenethyl Propionate	122-70-3	Yes

United States

Environment

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• Propane	74-98-6	Not Listed
• 2-Phenethyl Propionate	122-70-3	Not Listed
• Distillates (petroleum), hydrotreated light	64742-47-8	Not Listed
• Benzyl alcohol	100-51-6	

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

• Propane	74-98-6	Not Listed
• 2-Phenethyl Propionate	122-70-3	Not Listed
• Distillates (petroleum), hydrotreated light	64742-47-8	Not Listed
• Benzyl alcohol	100-51-6	

Section 16 - Other Information

Last Revision Date

- 10/July/2015

Preparation Date

- 10/July/2015

Disclaimer/Statement of Liability

- The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.