



Maggie's Farm™ Simply Effective™ Wasp and Hornet Killer

1. PRODUCT IDENTIFICATION

1.1. Product Identifiers

Product name : **Maggie's Farm™ Simply Effective™ Wasp and Hornet Killer**

1.2. Other Means of Identification

Product synonyms : none

1.3. Recommended Uses/Restrictions to Use

Uses : FIFRA 25(b) exempt "minimum risk" pesticide product for the control of various pest species per label

Restrictions : See product label for details

1.4. Supplier Details

Company : Maggie's Farm Ltd
1257 Bedford Avenue
Kansas City, MO 64116-4308
USA

Telephone : 1 816-379-3587

1.5. Emergency Contact

Outside normal business hours

Emergency Phone # : 1 800-424-9300 (USA & Canada)
1 703-527-3887 (Outside USA & Canada)

2. HAZARDS IDENTIFICATION

2.1. Classification of Substance or Mixture

Aerosol: Category 3
Gases Under Pressure: Compressed Gas
Skin Irritation: Category 3
Serious Eye Damage/Irritation: Category 2A
Skin Sensitization: Category 1

2.2. GHS label elements, including precautionary statements

Pictogram(s)



Signal word

Warning

Hazard statement(s)



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- H229 Pressurized container: may burst if heated
- H280 Contains gas under pressure; may explode if heated
- H316 Causes mild skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation

Precautionary statement(s)

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignitions sources. No smoking.
- P251 Do not pierce or burn, even after use.
- P261 Avoid breathing mist & spray.
- P264 Wash hands thoroughly after handling.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear eye protection.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 Specific treatment see first aid instructions on this label.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P362 + P364 Take off contaminated clothing and wash it before reuse.
- P410 + P403 + P412 Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50 °C/122 °F.
- P501 Dispose of contents/container in accordance with local/state/federal/international regulations.

2.3. Other hazards which do not result in classification

none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

No data available

3.2. Mixtures

Hazardous component(s) or components of note:

Chemical Identity	Contains (% w/w)	CAS-No.	Hazard Classification
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Clove Oil	1.0	8000-34-8	Skin Sensitizer (Cat. 1)
Peppermint Oil	1.0	8006-90-4	Skin Sensitizer (Cat. 1) Eye Irritant (Cat. 2A) Skin Irritant (Cat. 3)
Sodium Lauryl Sulfate	4.0	151-21-3	Eye Irritant (Cat. 2A) Skin Irritant (Cat. 3)
Carbon Dioxide	0 – 3	124-38-9	Gases Under Pressure

4. FIRST AID MEASURES**4.1. Description of first aid measures****General advice**

Consult a physician or poison control center. Provide this safety data sheet to medical personnel. Move out of hazardous areas.

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.

In case of 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.

In case of eye contact

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed

Call a poison control center or doctor 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.

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed, if necessary

None known

5. FIRE FIGHTING MEASURES**5.1. Extinguishing media**

Suitable extinguishing media: use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2. Specific hazards arising from the chemical

Oxides of carbon, nitrogen, and sulfur.



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- 5.3. **Special protective equipment and precautions for fire fighters**
Wear self-contained breathing apparatus for firefighting if deemed necessary.
Additional information: none.
- 5.4. **Further information**
No data available

6. ACCIDENTAL RELEASE MEASURES

- 6.1. **Personal precautions, protective equipment and emergency procedures**
Avoid contact with spilled product and contaminated surfaces. Evacuate personnel to safe areas during emergencies. For safe handling instructions see section 7. For proper PPE see section 8.
- 6.2. **Environmental precautions**
Prevent further leakage or spillage if safe to do so.
- 6.3. **Methods and materials for containment and cleaning up**
Wipe up any spilled material and dispose of according to instructions in section 13. Wash contaminated surfaces with soap and water.

7. HANDLING AND STORAGE

- 7.1. **Precautions for safe handling**
Handle in accordance with good industrial hygiene practices. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. For additional precautions see section 2.2
- 7.2. **Conditions for safe storage, including any incompatibilities**
Store upright in original container. Store in cool areas out of direct sunlight. Do not store where children or animals may gain access.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. **Control parameters**
Components with workplace parameters

Component	CAS-No.	Value	Control parameters	Basis
Carbon Dioxide	124-38-9	TWA	5000 ppm	NIOSH REL
		ST	30000 ppm	
		TWA	5000 ppm	OSHA PEL

- 8.2. **Appropriate engineering controls**
Ensure relevant engineering controls are employed to prevent exceeding threshold values for the listed control parameters in section 8.1.
- 8.3. **Individual protection measures, such as personal protective equipment**
In normal use and handling conditions refer to the product label for required PPE. In all other cases the following recommendations would apply.
Eye/face protection



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Safety glasses or other similar eye protection conforming to ANSI Z87.1 standards recommended when handling product.

Skin protection

Chemical resistant nitrile rubber or similarly compatible gloves recommended when handling product. Dispose of contaminated gloves after use in accordance with applicable local and state regulations. Wash exposed skin with soap and water immediately. Wash all contaminated clothing prior to reuse.

Respiratory protection

Not required under normal use conditions.

Thermal hazards

Pressurized container: may burst if heated.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance;	White liquid
Odor;	Peppermint
Odor threshold;	No data available
pH;	5.62 (24 °C)
Melting point/freezing point;	No data available
Initial boiling point and boiling range;	No data available
Flash point;	79 °C
Evaporation rate;	No data available
Flammability (solid, gas);	No data available
Upper/lower flammability or explosive limits;	No data available
Vapor pressure;	No data available
Vapor density;	No data available
Relative density;	1.01 g/ml
Solubility;	> 1000 g/L
Partition coefficient: n-octanol/water;	No data available
Auto-ignition temperature;	No data available
Decomposition temperature;	No data available
Viscosity;	Similar to that of water



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9.2. Additional Information

No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Keep out of direct sunlight.

Incompatible materials

Strong oxidizing agents. Strong reducing agents.

10.5. Hazardous decomposition products

Other decomposition products – no data available

In the event of a fire: see Section 5

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity Estimate (ATE)

LD50 Oral – Rat – 7659 mg/kg

LD50 Dermal – Rat – 5922 mg/kg

LD50 Inhalation – Rat – no data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by ACGIH.

NTP: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by NTP.



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OSHA: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

11.2. Other information

No data available

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Toxicity to fish	LC50 – Pimephales promelas (fathead minnow) – 453.86 mg/l (96 hr.)
Toxicity to daphnia and other aquatic invertebrates	EC50 – Daphnia magna (Water flea) – 127 mg/l (48 hr.)

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Other adverse effects

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Disposal Methods.

The best disposal method is to use the entire quantity per label directions. If it is necessary to dispose of unused material then follow the label instructions and relevant local, state and federal waste disposal guidelines.

Product Disposal:

Do not contaminate water, food or feed by storage or disposal.

Packaging Disposal:

If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP which is managed as a public-private partnership.

See section 8 for proper PPE and precautionary handling measures.



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14. TRANSPORT INFORMATION**DOT**

UN number: 1950 Class: 2.2 Packing Group: N/A
Proper shipping name: Aerosols, non-flammable (each not exceeding 1 L capacity), LTD QTY

IMDG

UN number: 1950 Class: 2.2 Packing Group: N/A
Proper shipping name: Aerosols, non-flammable (each not exceeding 1 L capacity), LTD QTY

IATA

UN number: 1950 Class: 2.2 Packing Group: N/A
Proper shipping name: Aerosols, non-flammable (each not exceeding 1 L capacity), LTD QTY

15. REGULATORY INFORMATION

This chemical is a FIFRA 25(b) Exempt pesticide product that is not registered by the Environmental Protection Agency but is subject to certain labeling requirements under various state pesticide laws. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

KEEP OUT OF THE REACH OF CHILDREN

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

Acute: Sudden Release of Pressure

California Proposition 65 Components

This product does not contain any chemicals known to the state of California to cause cancer, birth defects, or reproductive harm.

TSCA

All components of this product are listed, exempted, or excluded from listing on the U.S. Toxic Substances Control Act chemical substance inventory.

16. OTHER INFORMATION**Acronyms and abbreviations used**

LD50	Lethal Dose, 50%
OECD	Organization for Economic Cooperation and Development
IARC	International Agency for Research on Cancer
ACGIH	American Conference of Industrial Hygienists



Safety Data Sheet

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NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
DOT	Department of Transportation
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
SARA	Superfund Amendments and Reauthorization Act
TSCA	Toxic Substances Control Act
CAS-No.	Chemical Abstract Services - Number
PPE	Personal Protective Equipment
HMIS	Hazardous Materials Identification System
NFPA	National Fire Protection Association
PPM	Parts Per Million
ANSI	American National Standards Institute
TWA	Time Weighted Average
PEL	Permissible Exposure Limit
REL	Recommended Exposure Limit
ST	Short Term

Hazard Rating System Crossover

<u>HMIS Rating</u>		<u>NFPA Rating</u>		<u>NFPA 30 Aerosol Classification</u>
Health Hazard:	1	Health Hazard:	1	
Flammability:	0	Flammability:	0	Level 1 Aerosol
Reactivity:	0	Reactivity:	0	

Preparation information

Prepared by:	Maggie's Farm Ltd
Version:	1.2
Revision Date:	July 12, 2018
Reason for revision:	Added NFPA 30 Aerosol Classification

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