

AMDRO Quick Kill Indoor Outdoor Carpenter Bee, Ant & Termite Killer Foam

Safety Data Sheet

Date of issue: 04/26/2017

Revision date: 01/15/2018

Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : AMDRO Quick Kill Indoor Outdoor Carpenter Bee, Ant & Termite Killer Foam
Synonyms : EPA Reg. No.: 87093-7-90098, 100530398, 100530435

1.2. Recommended use and restrictions on use

Recommended use : Insecticide.
Restrictions on use : Keep out of reach of children. Avoid contact with eyes, skin or clothing. Use only outdoors or in a well-ventilated area.

1.3. Supplier

Central Garden & Pet Company, Garden Division
1000 Parkwood Circle, Suite 700
Atlanta, GA 30339 - United States

www.amdro.com

1.4. Emergency telephone number

Emergency number : 1-800-265-0761
1-800-424-9300 - CHEMTREC
1-703-527-3887 - CHEMTREC - Outside North America - Collect Calls Accepted

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable aerosol Category 2
Gases under pressure Compressed gas
Flammable aerosol
Contains gas under pressure; may explode if heated

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS02

GHS04

Signal word (GHS-US) : Warning
Hazard statements (GHS-US) : Flammable aerosol
Contains gas under pressure; may explode if heated
Precautionary statements (GHS-US) : Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store in a well-ventilated place.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : This product is toxic to birds, fish and aquatic invertebrates. Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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| Name | Product identifier | % |
|---------------------------|-----------------------|---------|
| Fipronil | (CAS-No.) 120068-37-3 | 0.005 |
| Propane-isobutane mixture | (CAS-No.) 68476-86-8 | 8 |
| Other ingredients | (CAS-No.) N/A | Balance |

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.
- First-aid measures after ingestion : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth. Do NOT induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects (acute and delayed)

No additional information available

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media : Avoid heavy hose streams.

5.2. Specific hazards arising from the chemical

- Explosion hazard : Contains gas under pressure; may explode if heated.
- Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Approach leaking or punctured pressurized containers cautiously. Isolate leaking container from all sources of ignition. Avoid breathing fumes. Ventilate enclosed areas.

6.1.1. For non-emergency personnel

- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

- Protective equipment : Contents under pressure. Aerosols exposed to high temperatures may rupture, rocket and cause secondary hazards. Do not attempt to take action without suitable protective equipment. At temperatures above 130°F, container may rupture.
- Emergency procedures : As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Do not smoke while using this product. Do not allow product to freeze. Contents under pressure, do not crush, puncture or incinerate. Avoid breathing fumes.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store in a cool, dry place. Keep out of reach of children. Keep away from sources of ignition – No Smoking. Store in a well-ventilated place. Keep container tightly closed. Keep at a temperature not exceeding 120°F. Keep from freezing. NFPA Aerosol Classification: Level 1.
- Incompatible materials : Heat, sparks, open flame.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

- Appropriate engineering controls : Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, use NIOSH approved respiratory protection.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Colorless, non-viscous, non-oily foam aerosol
- Color : Colorless
- Odor : Surfactant
- Odor threshold : No data available
- pH : 5.75
- Melting point : Not applicable
- Freezing point : No data available
- Boiling point : No data available

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| | |
|---|---------------------|
| Flash point | : Not applicable |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : Not applicable |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : 1.008 |
| Solubility | : No data available |
| Log Pow | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : Not explosive |
| Oxidizing properties | : Not applicable |
| Heat of combustion | : 4 KJ/g |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Aerosols exposed to high temperatures may rupture, rocket and cause secondary hazards.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not apply product directly into any electronic equipment (i.e., radios, televisions, computers, etc.), or where an electrical short circuit might result, such as in wall outlets, conduits, motors, switches, etc. Excessive heat and freezing conditions.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| AMDRO Quick Kill Indoor Outdoor Carpenter Bee, Ant & Termite Killer Foam | |
|--|------------------|
| Vaporizer | Aerosol |
| pH | 5.75 |
| Fipronil (120068-37-3) | |
| LD50 oral rat | 92.6 - 126 mg/kg |
| LD50 dermal rat | > 2150 mg/kg |
| LD50 dermal rabbit | 354 mg/kg |
| LC50 inhalation rat (mg/l) | 0.682 mg/l |
| GHS-US Properties | Classification |
| Acute toxicity | Not classified |
| Skin corrosion/irritation | Not classified |
| Serious eye damage/irritation | Not classified |
| Respiratory or skin sensitization | Not classified |

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| | |
|--|----------------|
| Germ cells mutagen | Not classified |
| Carcinogenicity | Not classified |
| Reproductive toxicity | Not classified |
| Specific target organ toxicant (single exposure) | Not classified |
| Specific target organ toxicant (repeated exposure) | Not classified |
| Aspiration hazard | Not classified |

Potential health effects

Inhalation

Acute : Under normal conditions of use, no health effects are expected.

Skin

Acute : May cause mild skin irritation.

Eye

Acute : May cause mild irritation.

Ingestion

Acute : Under normal conditions of use, no health effects are expected.

SECTION 12: Ecological information

12.1. Toxicity

| Fipronil (120068-37-3) | |
|--------------------------|---|
| LC50 Acute fish 1 | 0.0246 mg/l (Exposure time: na - Rainbow trout) |
| LC50 Acute fish 2 | 0.083 mg/l (Exposure time: na - Blue gill) |
| LC50 Acute crustacea 2 | 0.00014 mg/l (Exposure time: na - Americamysis bahia) |
| EC50 Daphnia 1 | 0.19 mg/l (Exposure time: 48h - Daphnia magna) |
| NOEC Chronic fish 1 | 0.00024 mg/l (Sheepshead minnow) |
| NOEC Chronic fish 2 | 0.0066 mg/l (Rainbow trout) |
| NOEC Chronic crustacea 1 | 0.0098 mg/l (Daphnia magna) |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

| Propane-isobutane mixture (68476-86-8) | |
|--|--------|
| Log Pow | <= 2.8 |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

| AMDRO Quick Kill Indoor Outdoor Carpenter Bee, Ant & Termite Killer Foam | |
|--|---|
| Ecological Fate | This product is toxic to birds, fish and aquatic invertebrates. |

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

SECTION 14: Transport information

| | UN number | Proper Shipping Name | Transport hazard class(es) | Packing group | Environmental hazards |
|-----|-----------|----------------------|----------------------------|----------------|-----------------------|
| DOT | UN1950 | Aerosols | 2.1 | Not applicable | Not applicable |

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| | | | | | |
|-------------|--------|---------------------|-----|----------------|------------------------|
| IMDG | UN1950 | AEROSOLS | 2.1 | Not applicable | Marine pollutant |
| IATA | UN1950 | Aerosols, flammable | 2.1 | Not applicable | Acute aquatic toxicity |

SECTION 15: Regulatory information

15.1. US Federal regulations

Propane-isobutane mixture (68476-86-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

FIFRA Labelling

EPA Registration Number 87093-7-90098

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.

FIFRA Signal word **Caution**

FIFRA Precautionary Statement **KEEP OUT OF REACH OF CHILDREN.**

FIFRA Hazards to Humans and Domestic Animals Harmful if swallowed. Avoid contact with skin or clothing. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

FIFRA First Aid
If swallowed: Call a poison control center or doctor immediately for treatment advice. Have a 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. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice. 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. If on skin or clothing: 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.

FIFRA Environmental Hazards
Do not apply within 15 ft of bodies of fresh water: lakes, reservoirs, rivers, permanent streams, marshes, natural ponds and commercial fishponds. A 15 ft buffer of uniform groundcover must exist between the application area and bodies of fresh water (uniform ground cover is defined as land which supports vegetation of > 2" throughout). Do not apply within 60 ft of estuarine bodies of water. Estuarine water bodies are brackish, tidal water such as bays, mouths of rivers, salt marshes and lagoons. This product is toxic to birds, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. Do not contaminate water by disposal of wastes.

FIFRA Physical Hazard
CONTENTS UNDER PRESSURE. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Avoid drilling areas near electrical wiring, plumbing, communication lines, etc. Do not apply product directly into any electronic equipment (i.e., radios, televisions, computers, etc.), or where an electrical short circuit might result, such as in wall outlets, conduits, motors, switches, etc. Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.

15.2. US State regulations

No additional information available

SECTION 16: Other information

Date of issue : 26 April 2017
Revision date : 15 January 2018

SDS US (GHS HazCom 2012) - CGP

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