

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

Safety Data Sheet

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Version: 1.1

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 and clothing. Use only outdoors or in a well-ventilated area.

1.3. Supplier

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

gardendivision@central.com

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

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :



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, hot surfaces, sparks, open flames and other ignition sources. 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

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3.2. Mixtures

Name	Product identifier	%
Fipronil	(CAS-No.) 120068-37-3	0.005
Propane-butane mixture	(CAS-No.) 68476-86-8	8
Non-hazardous and/or does not meet criteria for classification	(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.
- Incompatible materials : Heat, sparks, open flame.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Propane-butane mixture (68476-86-8)		
ACGIH	ACGIH TWA (ppm)	1000 ppm Propane
ACGIH	ACGIH STEL (ppm)	1000 ppm Butane
OSHA	OSHA PEL (TWA) (mg/m ³)	1800 mg/m ³ Propane ~ 1,900 mg/m ³ Butane
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm Propane ~ 800 ppm Butane
IDLH	US IDLH (ppm)	2100 ppm (10% LEL) Propane
NIOSH	NIOSH REL (TWA) (mg/m ³)	1800 mg/m ³ Propane
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm Propane

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

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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
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
Partition coefficient n-octanol/water (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. Avoid electrical portions of equipment due to the possibility of shock hazard. 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
Fipronil (120068-37-3)	
LD50 oral rat	92.6 – 126 mg/kg
LD50 dermal rat	> 2150 mg/kg

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Fipronil (120068-37-3)	
LD50 dermal rabbit	354 mg/kg
LC50 inhalation rat (mg/l)	0.682 g/m ³

GHS-US Properties	Classification
Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitization	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure)	Not classified
Specific target organ toxicity (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 eye 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 1	0.19 mg/l (Exposure time: 48 hr. Daphnia magna)
LC50 Acute crustacea 2	0.00014 mg/l (Exposure time: na - Americamysis bahia)
NOEC Chronic fish 1	0.0066 mg/l Rainbow trout
NOEC Chronic fish 2	0.00024 mg/l Sheepshead minnow
NOEC Chronic crustacea 1	0.0098 mg/l Daphnia magna

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

Propane-butane mixture (68476-86-8)	
Partition coefficient n-octanol/water (Log Pow)	≤ 2.8

12.4. Mobility in soil

No data 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.

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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
IMDG	UN1950	Aerosols (contains Fipronil)	2.1	Not applicable	Marine pollutant
IATA	UN1950	Aerosols, flammable	2.1	Not applicable	Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Propane-butane mixture (68476-86-8)

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

EPA 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 Hazard statements

Caution

FIFRA Precautionary statements

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 hazards

Flammable: Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. 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. Do not use this product in or on electrical equipment where a possibility of shock hazard exists.

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15.2. US State regulations

No additional information available

SECTION 16: Other information

Date of issue : 22 July 2020
Revision date : 05 January 2021

Indication of changes:
Sec. 14 - Revised transportation description.

SDS US (GHS HazCom 2012) - CGP

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