

SECTION 1: Identification

1.1. Identification

Product form	: Mixtures
Trade name	: Amdro Quick Kill Lawn Insect Killer Granules II
Product code	: FertCDRsp
Synonyms	: EPA Reg. No.: 279-3614-90098, 100527081,100527079,100527080, UPC #: 8-13576-00689-1, UPC #: 8-13576-00688-4

1.2. Recommended use and restrictions on use

Recommended use	: Yard contact insecticide.
Restrictions on use	: Do not inhale, Keep out of reach of children, Do not use or store near heat or open flame, Avoid contact with skin, eyes, or clothing.

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

Respiratory sensitization Category 1A	May cause allergy or asthma symptoms or breathing difficulties if inhaled
Combustible Dust	May form combustible dust concentrations in air

2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US)



GHS08

Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	: May form combustible dust concentrations in air May cause allergy or asthma symptoms or breathing difficulties if inhaled
Precautionary statements (GHS-US)	: Avoid breathing dust/fume/gas/mist/vapors/spray In case of inadequate ventilation wear respiratory protection If inhaled: If breathing is difficult, remove person to fresh air and keep comfortable for breathing If experiencing respiratory symptoms: Call a poison center or a doctor Dispose of contents/container to in accordance with local/regional/national regulations.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification	: 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

Amdro Quick Kill Lawn Insect Killer Granules II

Safety Data Sheet

3.2. Mixtures

Name	Product identifier	%
Bifenthrin	(CAS No) 82657-04-3	0.115
Peanut hulls	N/A	99.115
Other ingredients	N/A	0.77

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : Call a poison center or a doctor if you feel unwell.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.
- First-aid measures after skin contact : Wash skin with plenty of water.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

- Symptoms/injuries after inhalation : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Symptoms/injuries after skin contact : Exposure to dust may cause mechanical irritation.
- Symptoms/injuries after eye contact : Exposure to dust may cause mechanical irritation.

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.

5.2. Specific hazards arising from the chemical

- Fire hazard : May ignite spontaneously if exposed to air.
- Reactivity : This material is friable and can create small dust particles during any handling, processing, and transfer operations. This material can form explosive dust/air suspensions that are ignitable under some conditions.

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

6.1.1. For non-emergency personnel

- Protective equipment : Avoid contact with skin, eyes and clothing. Avoid dust formation and breathing dust. Keep all ignition sources away. Ventilate enclosed areas. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Wear recommended personal protective equipment.
- Emergency procedures : Do not breathe dust. Avoid contact with skin, eyes and clothing. Contain spill and monitor for excessive dust accumulation. Turn off electric power to area. . No flames, No sparks. Eliminate all sources of ignition. Avoid breathing dust/fume/gas/mist/vapors/spray.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up mechanically (sweeping, shoveling) and collect in suitable container for disposal. Minimize generation of dust. Use appropriate PPE. Sweep or scoop spills, dispose of any unusable material in approved landfill. Non-sparking tools should be used. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

Amdro Quick Kill Lawn Insect Killer Granules II

Safety Data Sheet

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from sources of ignition - No smoking. Avoid dust formation. Avoid breathing dust/fume/gas/mist/vapors/spray.
- 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 : Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in original container. Store in a well-ventilated place. Keep cool.
- Incompatible materials : Sources of ignition. Strong acids. Strong bases. Strong oxidizers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Bifenthrin (82657-04-3)

Not applicable

Other ingredients

Not applicable

Peanut hulls

Not applicable

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Where excessive dust may result, wear goggles.

Skin and body protection:

If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact. Use of a full body suit such as Tyvek or Tychem suit is recommended.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Solid
- Appearance : Brown, tan or gray mixture.
- Color : Brown, tan or gray
- Odor : None

Amdro Quick Kill Lawn Insect Killer Granules II

Safety Data Sheet

Odor threshold	: No data available
pH	: 5.28 @25 deg C (1% solution)
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: Not applicable
Bulk density	: 35.19 lb/ft ³
Solubility	: Insoluble in water.
Log Pow	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosion limits	: Not applicable
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is friable and can create small dust particles during any handling, processing, and transfer operations. This material can form explosive dust/air suspensions that are ignitable under some conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

May form combustible dust concentrations in the air.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid dust formation. Heat. No flames, No sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Decomposes upon heating to produce toxic vapors/gases which include oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure : Inhalation; Skin and eyes contact.

Acute toxicity : Not classified

Bifenthrin (82657-04-3)	
LD50 oral rat	47 mg/kg
LD50 dermal rat	790 mg/kg
LC50 inhalation rat (mg/l)	0.61 mg/l (Exposure time: 1 h)

Skin corrosion/irritation : Not classified
pH: 5.28 @25 deg C (1% solution)

Amdro Quick Kill Lawn Insect Killer Granules II

Safety Data Sheet

Serious eye damage/irritation	: Not classified pH: 5.28 @25 deg C (1% solution)
Respiratory or skin sensitization	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/injuries after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/injuries after skin contact	: Exposure to dust may cause mechanical irritation.
Symptoms/injuries after eye contact	: Exposure to dust may cause mechanical irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This pesticide is extremely toxic to fish and aquatic invertebrates.

Bifenthrin (82657-04-3)

LC50 fish 1	0.0001 - 0.00019 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [flow-through])
EC50 Daphnia 1	0.00135 - 0.00195 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	0.0003 - 0.00038 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [flow-through])

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose of contents/container to in accordance with local/regional/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Bifenthrin (82657-04-3)

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 - Emission Reporting	1 %
---------------------------------------	-----

Amdro Quick Kill Lawn Insect Killer Granules II

Safety Data Sheet

Other ingredients	
Not listed on the United States TSCA (Toxic Substances Control Act) inventory	
FIFRA Labelling	
EPA Registration Number	279-3614-90098
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 Hazards to Humans and Domestic Animals	Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.
FIFRA First Aid	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. NOTE TO PHYSICIAN: No specific antidote available. This product is a pyrethroid. If large amounts have been ingested, milk, cream or other digestible fats and oils may increase absorption and so should be avoided.
FIFRA Environmental Hazards	This pesticide is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

15.2. US State regulations

No additional information available

SECTION 16: Other information

Revision date : 02/07/2017

Full text of H-phrases:

H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
------	---

SDS US (GHS HazCom 2012) - CGP

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product