



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name

- **Amdro Quick Kill Lawn Insect Killer Granules**

Synonyms

- 100522994; 100522995; 8-13576-00688-4; 8-13576-00689-1; EPA Reg. No.: 228-494-90098

Product Description

- Brown, tan or gray granule.

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. Avoid contact with eyes, skin or clothing. Avoid breathing dust.

Details of the supplier of the safety data sheet

Manufacturer

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

www.amdro.com

Emergency telephone number

Manufacturer

- 1-800-265-0761

Manufacturer (Transportation)

- 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation)

- 1-703-527-3887 - CHEMTREC - Outside US Collect Calls Accepted

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

- Combustible Dust
Respiratory Sensitization 1A

Label elements

OSHA HCS 2012

DANGER



Hazard statements • May form combustible dust concentrations in air.
May cause allergy or asthma symptoms or breathing difficulties if inhaled

Precautionary statements

Prevention • In case of inadequate ventilation wear respiratory protection. Avoid breathing dust, fume, gas, mist, vapors and/or spray.

Response • IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison control center or doctor.

Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

OSHA HCS 2012

- This product is extremely toxic to fish and aquatic invertebrates. 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 | % |
| Bifenthrin | CAS:82657-04-3 | 0.1% |
| Peanut hulls | NDA | 99.1% |
| Other ingredients | NDA | 0.8% |

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a poison control center or doctor.

Skin

- IF ON SKIN: Wash with plenty of 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: call a poison center or doctor if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed

- May cause allergy or asthma symptoms or breathing difficulties if inhaled. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- This product is a pyrethroid. If large amount have been ingested, milk, cream or other digestible fats and oil may increase absorption and so should be avoided. Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • Use water, foam, carbon dioxide, or dry chemical.

Unsuitable Extinguishing Media • Avoid heavy hose streams.

Firefighting Procedures • Combustible dust - use low-pressure medium fog streams to avoid dust clouds. Eliminate ignition sources. Move containers from fire area if you can do it without risk. Stay upwind.
LARGE FIRES: Dike fire control water for later disposal; do not scatter the material.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Hazardous Combustion Products • Oxides of carbon and nitrogen.

Advice for firefighters

- Do not allow run-off to enter waterways. Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions • Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Avoid dust formation and breathing dust. Ventilate enclosed areas. Keep all sources of ignition away.

Emergency Procedures • Contain spill and monitor for excessive dust accumulation. Turn off electric power to area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental precautions

- Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-up Measures • Avoid generating dust. Use appropriate Personal Protective Equipment (PPE). 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. Sweep or scoop up spills, dispose of any unusable material in approved landfill. Non-sparking tools should be used.

Section 7 - Handling and Storage

Precautions for safe handling

Handling • Avoid breathing dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Avoid contact with heat and ignition sources.

Conditions for safe storage, including any incompatibilities

Storage • Keep out of reach of children. Store in original container. Keep away from sources of ignition – No Smoking.

Incompatible Materials or Ignition Sources • Strong acids, oxidizing agents and caustics.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines • No data available.

Exposure controls

Engineering Measures/Controls • Use adequate ventilation to remove vapors (fumes, dust etc)

Personal Protective Equipment

Pictograms



Respiratory

• If airborne dust is present, use appropriate respiratory protection.

Eye/Face

• If prolonged exposure is anticipated, it is recommended for handlers to wear goggles.

Hands

• Wear appropriate gloves.

Skin/Body

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

Environmental Exposure Controls

• Refer to Section 13 - Disposal Considerations.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

| Material Description | | | |
|-------------------------------------|-------------------|------------------------------|------------------------------|
| Physical Form | Solid | Appearance/Description | Brown, tan or gray granules. |
| Color | Brown, tan, gray. | Odor | Faint |
| Odor Threshold | No data available | | |
| General Properties | | | |
| Boiling Point | No data available | Melting Point/Freezing Point | No data available |
| Decomposition Temperature | No data available | pH | Not relevant |
| Specific Gravity/Relative Density | No data available | Bulk Density | 28-31 lbs/cu. ft. |
| Water Solubility | Insoluble | Viscosity | Not relevant |
| Volatility | | | |
| Vapor Pressure | No data available | Vapor Density | No data available |
| Evaporation Rate | No data available | VOC (Wt.) | 0 |
| Flammability | | | |
| Flash Point | Not relevant | UEL | No data available |
| LEL | No data available | Autoignition | No data available |
| Flammability (solid, gas) | No data available | | |
| Environmental | | | |
| Octanol/Water Partition coefficient | No data available | | |

Section 10: Stability and Reactivity

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.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur. May form combustible dust concentrations in the air.

Conditions to avoid

- Heat, sparks, open flame. Avoid storage with or near toxic substances.

Incompatible materials

- Strong acids, oxidizing agents and caustics.

Hazardous decomposition products

- No data available.

Section 11 - Toxicological Information

Information on toxicological effects

| GHS Properties | Classification |
|-------------------------------|---|
| Respiratory sensitization | OSHA HCS 2012 • Respiratory Sensitizer 1A |
| Serious eye damage/Irritation | OSHA HCS 2012 • Classification criteria not met |
| 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 • Classification criteria not met |
| Carcinogenicity | OSHA HCS 2012 • Classification criteria not met |
| Skin corrosion/Irritation | OSHA HCS 2012 • Classification criteria not met |
| Skin sensitization | OSHA HCS 2012 • Classification criteria not met |
| STOT-RE | OSHA HCS 2012 • Classification criteria not met |
| STOT-SE | OSHA HCS 2012 • Classification criteria not met |
| Toxicity for Reproduction | OSHA HCS 2012 • Classification criteria not met |
| Germ Cell Mutagenicity | OSHA HCS 2012 • Not classified - data lacking. |

Potential Health Effects

Inhalation

- Acute (Immediate)**
 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Chronic (Delayed)**
 - No data available.

Skin

- Acute (Immediate)**
 - Exposure to dust may cause mechanical irritation.
- Chronic (Delayed)**
 - No data available.

Eye

- Acute (Immediate)**
 - May cause eye irritation.
- Chronic (Delayed)**
 - No data available.

Ingestion

- Acute (Immediate)** • Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** • No data available.

Other

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

Section 12 - Ecological Information**Toxicity**

| Component | CAS | Data |
|-------------------|------------|---|
| Bifenthrin (0.1%) | 82657-04-3 | Crustacea: 96 Hour(s) LC50 Crustacea <i>Mysid shrimp</i> 0.000004 mg/L [acute]; 48 Hour(s) LC50 Water Flea <i>Daphnia magna</i> 0.0016 mg/L [acute]; Fish: 96 Hour(s) LC50 Fish <i>Bluegill sunfish</i> 0.00035 mg/L [acute]; 96 Hour(s) LC50 Fish <i>Rainbow trout</i> 0.00015 mg/L [acute] |

Persistence and degradability

- No data available.

Bioaccumulative potential

- No data available.

Mobility in Soil

- No data available.

Other adverse effects**Potential Environmental Effects**

- This pesticide is extremely toxic to aquatic organisms including fish and invertebrates. Care should be taken to avoid contamination of the aquatic environment.

Section 13 - Disposal Considerations**Waste treatment methods****Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Nonrefillable container. Do not reuse or refill container. See product label for container disposal instructions.

Section 14 - Transport Information

| | UN number | UN proper shipping name | Transport hazard class(es) | Packing group | Environmental hazards |
|-----------|-----------|---|----------------------------|----------------|------------------------|
| DOT | None | Consumer commodity (non-bulk packaging) | ORM-D | Not Applicable | Not Applicable |
| | UN3077 | Bulk packaging: Environmentally hazardous substance, solid, n.o.s. (Bifenthrin) | 9 | III | Marine Pollutant |
| IMO/IMDG | UN3077 | For Inner Packagings >5L/kg only: Environmentally Hazardous Substance, solid, n.o.s. (Bifenthrin) | 9 | III | Marine Pollutant |
| IATA/ICAO | UN3077 | For Inner Packagings >5L/kg only: Environmentally Hazardous Substance, solid, n.o.s. (Bifenthrin) | 9 | III | Acute Aquatic Toxicity |

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

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 • SARA Title III Section 313

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

Precautionary Statements • KEEP OUT OF THE REACH OF CHILDREN.

Hazards to Humans and Domestic Animals • HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco and using the toilet. Remove and wash contaminated clothing before reuse.

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.

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: This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.

Environmental Hazards • This pesticide is extremely toxic to aquatic organisms, including fish and 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.

United States

Environment

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Bifenthrin

82657-04-3

1.0% de minimis concentration

Section 16 - Other Information

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|--|--|
| Revision Date | <ul style="list-style-type: none">• 11/August/2015 |
| Last Revision Date | <ul style="list-style-type: none">• 11/August/2015 |
| Preparation Date | <ul style="list-style-type: none">• 11/August/2015 |
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