Section 1: Identification

Product identifier

Product Name • ClariFly® Add-Pack Fly Control
Synonyms • 100518352; 100518353; CG-2013-MP; EPA Reg. No. 89459-1
Product Description • Fine white granular solid.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Prevents the development of flies.
Restrictions on use • Do not use or store near heat or open flame. Avoid release to the environment. Keep out of the reach of children.

Details of the supplier of the safety data sheet

Manufacturer • Central Garden and Pet Company
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173
United States
www.centralflycontrol.com

Emergency telephone number

Manufacturer • 1-800-347-8272
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

Label elements

OSHA HCS 2012

WARNING

Hazard statements • May form combustible dust concentrations in air.
Precautionary statements

Storage/Disposal • Refer to Section 13 - Disposal Considerations

Other hazards

OSHA HCS 2012 • This pesticide is toxic to aquatic invertebrates.
Section 3 - Composition/Information on Ingredients

Substances

Material does not meet the criteria of a substance.

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diflubenzuron</td>
<td>35367-38-5</td>
<td>0.16%</td>
</tr>
<tr>
<td>Whey</td>
<td>92129-90-3</td>
<td>&gt; 99%</td>
</tr>
</tbody>
</table>

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- Call a physician if symptoms persist. IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing.

Skin

- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

Eye

- 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. 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

- Repeated and prolonged exposure may cause methemoglobinemia. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- Treat symptomatically and supportively.

Other information

- None specified.

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

- Do not allow fire fighting water to escape into waterways or sewers. 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.

Emergency Procedures
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended. 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.

Conditions for safe storage, including any incompatibilities

Storage
- Store in a cool/low-temperature, well-ventilated dry place away from heat and ignition sources. Keep out of reach of children.

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 handles 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

<table>
<thead>
<tr>
<th>Material Description</th>
<th></th>
<th>Appearance/Description</th>
<th>Fine, granular solid.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form</td>
<td>Solid</td>
<td></td>
<td></td>
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<tr>
<td>Color</td>
<td>White</td>
<td>Odor</td>
<td>Moderate chalk-like.</td>
</tr>
<tr>
<td>Particulate Type</td>
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<td>Odor Threshold</td>
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<tr>
<td>Physical and Chemical Properties</td>
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<table>
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<tr>
<th>General Properties</th>
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<td>Boiling Point</td>
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<td>Melting Point</td>
<td>No data available</td>
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<td>Decomposition Temperature</td>
<td>No data available</td>
<td>pH</td>
<td>Not relevant</td>
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<td>Specific Gravity/Relative Density</td>
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<td>Density</td>
<td>No data available</td>
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<td>Bulk Density</td>
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<td>Water Solubility</td>
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<tr>
<td>Viscosity</td>
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<table>
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<tr>
<th>Volatility</th>
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<tr>
<td>Vapor Pressure</td>
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<td>Vapor Density</td>
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<tr>
<td>Evaporation Rate</td>
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<td></td>
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</table>

<table>
<thead>
<tr>
<th>Flammability</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
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<td>UEL</td>
<td>No data available</td>
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<tr>
<td>LEL</td>
<td>No data available</td>
<td>Autoignition</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
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</table>

<table>
<thead>
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<th>Environmental</th>
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<tbody>
<tr>
<td>Octanol/Water Partition coefficient</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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.

Incompatible materials

- Strong acids, strong bases, and oxidizing agents.

Hazardous decomposition products

- No data available.
Section 11 - Toxicological Information

Information on toxicological effects

<table>
<thead>
<tr>
<th>Components</th>
<th>Classifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diflubenzuron (0.16%)</td>
<td></td>
</tr>
<tr>
<td>Acute Toxicity:</td>
<td>Ingestion/Oral-Rat LD50 • &gt;4.64 g/kg; Inhalation-Rat LC50 • &gt;2.49 g/m³; Skin-Rabbit LD50 • 2 g/kg</td>
</tr>
</tbody>
</table>

GHS Properties | Classification
--- | ---
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
Germ Cell Mutagenicity | 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
Respiratory sensitization | OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation | OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation
- **Acute (Immediate)**: Exposure to dust may cause irritation.
- **Chronic (Delayed)**: Repeated and prolonged exposure to active ingredient may cause methemoglobinemia.

Skin
- **Acute (Immediate)**: No data available.
- **Chronic (Delayed)**: Repeated and prolonged exposure to active ingredient may cause methemoglobinemia.

Eye
- **Acute (Immediate)**: No data available.
- **Chronic (Delayed)**: No data available.

Ingestion
- **Acute (Immediate)**: No data available.
- **Chronic (Delayed)**: Repeated and prolonged exposure to active ingredient may cause methemoglobinemia.

Other
- **Chronic (Delayed)**: No data available.

Section 12 - Ecological Information

Toxicity
### Component Data

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diflubenzuron (0.16%)</td>
<td>35367-38-5</td>
<td>Crustacea: NOEC Crustacea 0.000045 mg/L [Chronic]; 96 Hour(s) LC50 Crustacea 0.002 mg/L [Acute]; 48 Hour(s) LC50 Water Flea 0.0037 mg/L [Acute]; NOEC Water Flea 0.00004 mg/L [Chronic]; Fish: 96 Hour(s) LC50 Fish 140 mg/L [Acute]; 96 Hour(s) LC50 Fish 135 mg/L [Acute]; NOEC Fish 0.1 mg/L [Chronic]</td>
</tr>
</tbody>
</table>

### 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 toxic to aquatic invertebrates.

### Section 13 - Disposal Considerations

#### Waste treatment methods

- **Product waste**: Do not contaminate water when disposing of equipment washwaters or rinsate. 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.

### Section 14 - Transport Information

<table>
<thead>
<tr>
<th>DOT</th>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None</td>
<td>Consumer commodity</td>
<td>ORM-D</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>UN3077</td>
<td>Environmentally Hazardous Substance, Solid, N.O.S. (contains Diflubenzuron)</td>
<td>9</td>
<td>III</td>
<td>Marine Pollutant</td>
</tr>
<tr>
<td>IMO/IMDG</td>
<td>UN3077</td>
<td>Environmentally Hazardous Substance, Solid, N.O.S. (contains Diflubenzuron)</td>
<td>9</td>
<td>III</td>
<td>Marine Pollutant</td>
</tr>
<tr>
<td>IATA/ICAO</td>
<td>UN3077</td>
<td>Environmentally Hazardous Substance, Solid, N.O.S. (contains Diflubenzuron)</td>
<td>9</td>
<td>III</td>
<td>Acute Aquatic Toxicity</td>
</tr>
</tbody>
</table>

- **Special precautions for user**: None specified.
- **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**: No data available

- **IMO/IMDG**: Limited quantity 5kg, excepted quantity 30g.
- **IATA/ICAO**: Limited quantity 5kg, excepted quantity 30g.

### Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
SARA Hazard Classifications  
- Chronic, SARA Title III Section 313

FIFRA – Pesticide Labeling

This material 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

Hazards to Humans and Domestic Animals

KEEP OUT OF THE REACH OF CHILDREN.
HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT: Wear long-sleeved shirt and long pants, shoes plus socks, and chemical resistant gloves (such as or made out of any waterproof material, Selection Category A). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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.

Environmental Hazards

This pesticide is toxic to aquatic invertebrates. Do not contaminate water when disposing of equipment washwater or rinsate.

<table>
<thead>
<tr>
<th>Inventory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component</td>
</tr>
<tr>
<td>Diflubenzuron</td>
</tr>
<tr>
<td>Whey</td>
</tr>
</tbody>
</table>

United States

Environment

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

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Whey</td>
<td>92129-90-3</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Diflubenzuron</td>
<td>35367-38-5</td>
<td>1.0 % de minimis concentration</td>
</tr>
</tbody>
</table>

Section 16 - Other Information

Last Revision Date  
- 18/March/2015

Preparation Date  
- 10/April/2014

Disclaimer/Statement of Liability

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.